

Unarmoured Cables

Table Number

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|---|-----|
| Single core PVC Insulated cables to BS 6004 and BS 6346 | |
| Single solid wire plain annealed copper conductor, PVC insulated only Conductor sizes 1.0 - 10mm ² | 10 |
| Single plain annealed stranded copper conductor, PVC insulated only Conductor sizes 1.5 - 630mm ² | 11 |
| Single solid wire plain annealed copper conductor, PVC insulated and sheathed Conductor sizes 1.0 - 10mm ² | 12 |
| Single plain annealed stranded copper conductor, PVC insulated and sheathed Conductor sizes 1.5 - 630mm ² | 13 |
| Single core XLPE Insulated cables to BS 5467 and BS 7889 | |
| Single solid wire plain annealed copper conductor, XLPE insulated only Conductor sizes 1.5 - 10mm ² | 20 |
| Single plain annealed stranded copper conductor, XLPE insulated only Conductor sizes 1.5 - 630mm ² | 21 |
| Single solid wire plain annealed copper conductor, XLPE insulated and PVC sheathed Conductor sizes 1.5 - 10mm ² | 22 |
| Single plain annealed stranded copper conductor, XLPE insulated and PVC sheathed Conductor sizes 1.5 - 630mm ² | 23 |
| Flat PVC Insulated and Sheathed cables to BS6004 | |
| 2 core flat, plain annealed copper conductor, PVC insulated and sheathed. Conductor sizes 1.5 & 2.5mm ² | 30 |
| 2 core plus earth flat, plain annealed copper conductor, PVC insulated and sheathed. Conductor sizes 1.5 & 2.5mm ² | 31 |
| Multicore PVC Power cables to BS 6004 | |
| 2 core circular, plain annealed copper conductor, PVC insulated and sheathed. Conductor sizes 1.5 - 35mm ² | 40 |
| 3 core circular, plain annealed copper conductor, PVC insulated and sheathed. Conductor sizes 1.5 - 35mm ² | 41 |
| 4 core circular, plain annealed copper conductor, PVC insulated and sheathed. Conductor sizes 1.5 - 35mm ² | 42 |
| 5 core circular, plain annealed copper conductor, PVC insulated and sheathed. Conductor sizes 1.5 - 35mm ² | 43 |
| Multicore XLPE Power cables to BS 7211 | |
| 2 core circular, plain annealed copper conductor, XLPE insulated and PVC sheathed. Conductor sizes 1.5 - 35mm ² | 50 |
| 3 core circular, plain annealed copper conductor, XLPE insulated and PVC sheathed. Conductor sizes 1.5 - 35mm ² | 51 |
| 4 core circular, plain annealed copper conductor, XLPE insulated and PVC sheathed. Conductor sizes 1.5 - 35mm ² | 52 |
| 5 core circular, plain annealed copper conductor, XLPE insulated and PVC sheathed. Conductor sizes 1.5 - 35mm ² | 53 |
| Multicore PVC Control (or Auxillary) cables to BS 6004 | |
| Multicore circular, 1.5mm ² stranded copper conductor, PVC insulated and sheathed. | 60 |
| Multicore circular, 2.5mm ² stranded copper conductor, PVC insulated and sheathed. | 61 |
| Multicore XLPE Control (or Auxillary) cables to BS5467 | |
| Multicore circular, 1.5mm ² stranded copper conductor, XLPE insulated and PVC sheathed. | 70 |
| Multicore circular, 2.5mm ² stranded copper conductor, XLPE insulated and PVC sheathed. | 71 |
| Unarmoured Fire Performance cables | |
| Single core insulated unsheathed to BS 7211 Conductor sizes 1.5 - 630mm ² | 90 |
| Single core insulated and sheathed to BS 7211 Conductor sizes 1.5 - 35mm ² | 91 |
| Single core insulated and sheathed to BS 7889 Conductor sizes 50 - 630mm ² | 92 |
| 2 core insulated and sheathed to BS 7211 Conductor sizes 1.5 - 35mm ² | 93 |
| 3 core insulated and sheathed BS 7211 Conductor sizes 1.5 - 35mm ² | 94 |
| 4 core insulated and sheathed BS 7211 Conductor sizes 1.5 - 35mm ² | 95 |
| 5 core insulated and sheathed BS 7211 Conductor sizes 1.5 - 35mm ² | 96 |
| 2 core circular, plain annealed copper conductor, Ceramafiable insulated and HFS-90-TP sheathed to BS 7629.1. Conductor sizes 1.5 - 4mm ² | 97 |
| 3 core circular, plain annealed copper conductor, Ceramafiable insulated and HFS-90-TP sheathed to BS 7629.1. Conductor sizes 1.5 - 4mm ² | 98 |
| 4 core circular, plain annealed copper conductor, Ceramafiable insulated and HFS-90-TP sheathed to BS 7629.1. Conductor sizes 1.5 - 4mm ² | 99 |
| 7 core circular, plain annealed copper conductor, Ceramafiable insulated and HFS-90-TP sheathed to BS 7629.1. Conductor sizes 1.5 and 2.5mm ² | 100 |
| 12 core circular, plain annealed copper conductor, Ceramafiable insulated and HFS-90-TP sheathed to BS 7629.1. Conductor sizes 1.5 and 2.5mm ² | 101 |
| 19 core circular, plain annealed copper conductor, Ceramafiable insulated and HFS-90-TP sheathed to BS 7629.1. Conductor sizes 1.5 and 2.5mm ² | 102 |
| 1.5mm ² Paired Instrumentation cable, Ceramafiable insulated, Al/poly Screened, and HFS-90-TP sheathed to BS 5308 Part 2 | 103 |

Armoured Cables

Table Number

| | |
|--|-----|
| Armoured multicore PVC Power cables to BS 5467 | |
| 2 core circular, plain annealed copper conductor, PVC insulated, PVC bedded, SWA, PVC sheathed. Conductor sizes 1.5 - 35mm ² | 110 |
| 3 core circular, plain annealed copper conductor, PVC insulated, PVC bedded, SWA, PVC sheathed. Conductor sizes 1.5 - 400mm ² | 111 |
| 4 core circular, plain annealed copper conductor, PVC insulated, PVC bedded, SWA, PVC sheathed. Conductor sizes 1.5 - 400mm ² | 112 |
| Armoured multicore XLPE Power cables to BS 7211 and BS 5467 | |
| Single core circular, plain annealed copper conductor, XLPE insulated, PVC bedded, AWA, PVC sheathed. Conductor sizes 50 - 630mm ² | 120 |
| 2 core circular, plain annealed copper conductor, XLPE insulated, PVC bedded, SWA, PVC sheathed. Conductor sizes 1.5 - 250mm ² | 121 |
| 3 core circular, plain annealed copper conductor, XLPE insulated, PVC bedded, SWA, PVC sheathed. Conductor sizes 1.5 - 400mm ² | 122 |
| 4 core circular, plain annealed copper conductor, XLPE insulated, PVC bedded, SWA, PVC sheathed. Conductor sizes 1.5 - 400mm ² | 123 |
| Armoured multicore PVC Control (or Auxillary) cables to BS 6346 | |
| Multicore circular, 1.5mm ² stranded copper conductor, PVC insulated, PVC bedded, SWA, PVC sheathed. | 130 |
| Multicore circular, 2.5mm ² stranded copper conductor, PVC insulated, PVC bedded, SWA, PVC sheathed. | 131 |
| Armoured multicore XLPE Control (or Auxillary) cables to BS 5467 | |
| Multicore circular, 1.5mm ² stranded copper conductor, XLPE insulated, PVC bedded, SWA, PVC sheathed. | 140 |
| Multicore circular, 2.5mm ² stranded copper conductor, XLPE insulated, PVC bedded, SWA, PVC sheathed. | 141 |
| Armoured Fire Performance cables | |
| Single core Ceramafiable insulated, HFS-90-TP bedded, AWA and HFS-90-TP sheathed to BS 6724 Conductor sizes 50 - 400mm ² | 150 |
| 2 core Ceramafiable insulated, HFS-90-TP bedded, SWA and HFS-90-TP sheathed to BS 6724 Conductor sizes 1.5 - 35mm ² | 151 |
| 3 core Ceramafiable insulated, HFS-90-TP bedded, SWA and HFS-90-TP sheathed to BS 6724 Conductor sizes 1.5 - 35mm ² | 152 |
| 4 core Ceramafiable insulated, HFS-90-TP bedded, SWA and HFS-90-TP sheathed to BS 6724 Conductor sizes 1.5 - 35mm ² | 153 |
| 1.5mm ² Paired Instrumentation cable, Ceramafiable insulated, Al/poly Screened, HFS-90-TP Bedded, Steel wire Armoured and HFS-90-TP sheathed to BS 5308 Part 2 | 154 |

International Standards

Olex Cables manufacture Cables to most International Standards.

Products for the Australian Market are manufactured to Australian Standards which generally conform to IEC Standard.

In many cases, Australian Standards may be used as an alternative to another National Standard.

The purpose of the book is to define the Olex product code for the a cable to a specific international standard and where applicable, highlight the corresponding international standard.

Section 1. Cables to British Standards

Section 2. Cable to CENELEC

Section 3. Cables to USA Standards (Pacific & Phillipines)

Section 4. Cable to Swedish Standard (Peru)

Section 5. Cable to Japanese Standard

The Colour Code:

YELLOW

Yellow is compliant requirement to the appropriate international standard. In some cases, the standard Olex product totally conforms to the international standard e.g. British Standard. In other cases, particularly where the AS Standard may be significantly different, or non existent, we will manufacture a cable to the other international standard, e.g. British Standard.

GREEN

Green is cable to Australian Standards which would meet (in many cases exceeding) the performance requirement of the alternative standard, e.g. BS cable, and this subject to the availability to use e.g. dimensional requirements.

GREEN/YELLOW

Where Australian and the international standard are identical, they will be highlighted by a Green/Yellow.

Section 1 - Cables to British Standard.



Single core PVC Insulated only cables

450/750V, Copper Conductors, PVC Insulated, complies with IEC 60228, BS 6360 and BS6004

AS 5000.1 is a 0.6/1kV cable with Copper Conductors, PVC Insulated. Complies with IEC 60228, IEC60502.1, BS6360 and exceeds requirements of BS6004

Complies with New Zealand Standards requirements

Table 10

Description: Single Solid Wire Plain Annealed Copper Conductor, PVC insulated only

| Class 1 Conductor | Area mm ² | BS6004 450/750V | | AS5000.1 0.6/1kV | | | Recommended Australian Equivalents | | BS6004 | Recommended New Zealand Equivalents | |
|----------------------|----------------------|-----------------|-------|------------------|-------|-------|------------------------------------|---------------|--------|-------------------------------------|--------------------|
| | | Insulation | OD mm | Insulation | OD mm | kg/km | Stocked | Made to Order | | Stocked | Made to Order |
| 1/1.13 | 1.0 | 0.6 | | 0.8 | 2.7 | 17 | 1/1.13 | BAAP02AA001 | 1/1.38 | | Code not available |
| 1/1.38 | 1.5 | 0.7 | | 0.8 | 3.0 | 22 | 1/1.38 | | 1/1.38 | | Code not available |
| 1/1.77 | 2.5 | 0.8 | | 0.8 | 3.4 | 32 | 1/1.77 | | 1/1.77 | | Code not available |
| 1/2.24 | 4 | 0.8 | | 1.0 | | | 1/2.25 | | 1/2.24 | | Code not available |
| 1/2.74 | 6 | 0.8 | | 1.0 | | | 1/2.74 | | 1/2.74 | | Code not available |
| 1/3.56 | 10 | 1.0 | | 1.0 | | | 1/3.56 | | 1/3.56 | | Code not available |

Table 11

Description: Single Plain Annealed Stranded Copper Conductor, PVC insulated only

| Class 2 Conductor | Area mm ² | BS6004 450/750V | | AS5000.1 0.6/1kV | | | Recommended Australian Equivalents | | NZS5000.1 | Recommended New Zealand Equivalents | |
|----------------------|----------------------|-----------------|-------|------------------|-------|-------|------------------------------------|---------------|-----------|-------------------------------------|--------------------------------|
| | | Insulation | OD mm | Insulation | OD mm | kg/km | Stocked | Made to Order | | Stocked | Made to Order |
| 7/0.53 | 1.5 | 0.7 | 2.9 | 0.8 | 3.1 | 21 | 7/0.53 | | 7/0.53 | | Code available for each colour |
| 7/0.67 | 2.5 | 0.8 | 3.6 | 0.8 | 3.6 | 33 | 7/0.67 | BAAP07AA001 | 7/0.67 | | Code available for each colour |
| 7/0.85 | 4 | 0.8 | 4.5 | 1.0 | 4.5 | 53 | 7/0.85 | BAAP09AA001 | 7/0.85 | | Code available for each colour |
| 7/1.04 | 6 | 0.8 | 5.1 | 1.0 | 5.1 | 73 | 7/1.04 | BAAP11AA001 | 7/1.04 | | Code available for each colour |
| 7/1.35 | 10 | 1.0 | 6 | 1.0 | 6.0 | 120 | 7/1.35 | BAAP13AA001 | 7/1.35 | | Code available for each colour |
| 7/1.70 | 16 | 1.0 | 6.9 | 1.0 | 6.9 | 170 | 7/1.70 | BAAP15AA001 | 7/1.70 | | Code available for each colour |
| 7/2.14 | 25 | 1.2 | 8.4 | 1.2 | 8.4 | 260 | Compact | BAAC17AA001 | 7/2.14 | | Code available for each colour |
| 7/2.52 | 35 | 1.2 | 9.4 | 1.2 | 9.4 | 350 | " | BAAC18AA001 | 7/2.52 | | Code available for each colour |
| 19/1.78 | 50 | 1.4 | 10.9 | 1.4 | 10.9 | 480 | " | BAAC19AA001 | 19/1.78 | | Code available for each colour |
| 19/2.14 | 70 | 1.4 | 12.7 | 1.4 | 12.7 | 670 | " | BAAC20AA001 | 19/2.14 | | Code available for each colour |
| 19/2.52 | 95 | 1.6 | 15.1 | 1.6 | 15.1 | 950 | " | BAAC22AA001 | 19/2.52 | | Code available for each colour |
| 37/2.03 | 120 | 1.6 | 17.3 | 1.6 | 17.3 | 1180 | 37/2.03 | BAAP23AA001 | 37/2.03 | | Code available for each colour |
| 37/2.25 | 150 | 1.8 | 18.8 | 1.8 | 18.8 | 1440 | 37/2.25 | | 37/2.25 | | Code not available |
| 37/2.52 | 185 | 2.0 | 21.1 | 2.0 | 21.1 | 1810 | 37/2.52 | | 37/2.52 | | Code not available |
| 61/2.25 | 240 | 2.2 | 24.1 | 2.2 | 24.1 | 2370 | 61/2.25 | | 61/2.25 | | Code not available |
| 62/2.52 | 300 | 2.4 | 26.9 | 2.4 | 26.9 | 2970 | 62/2.52 | | 62/2.52 | | Code not available |
| 61/2.85 | 400 | 2.6 | 30.6 | 2.6 | 30.6 | 3740 | 61/2.85 | | 61/2.85 | | Code not available |
| 61/3.20 | 500 | 2.8 | 34.1 | 2.8 | 34.1 | 4780 | 61/3.20 | | 61/3.20 | | Code not available |
| 127/2.52 | 630 | 2.8 | 37.8 | 2.8 | 37.8 | 6110 | 127/2.52 | | 127/2.52 | | Code not available |

Section 1 - Cables to British Standard.

Single core PVC Insulated and PVC Sheathed Cables

450/750V and 0.6/1kV, Copper Conductors, PVC Insulated and PVC Sheathed. Complies with IEC 60228, BS 6360, BS6004 and BS 6346.

AS 5000.2 is a 450/750V cable with Copper Conductors, PVC Insulated and PVC Sheathed. Complies with IEC 60228, BS6360 and approximates BS6004

AS 5000.1 is a 0.6/1kV cable with Copper Conductors, PVC Insulated and PVC Sheathed. Complies with IEC 60228, IEC60502.1, BS6360, BS6346 and exceeds requirements of BS6004

Complies with New Zealand Standards requirements

Table 12

Description: Single Solid Wire Plain Annealed Copper Conductor, PVC insulated and PVC Sheathed

| Class 1 Conductor | Area mm ² | BS6004 Tat 450/750V | | AS5000.2 450/750V | | | | AS5000.1 0.6/1kV | | | | Recommended Australian Equivalents | | Recommended New Zealand Equivalents | | |
|----------------------|----------------------|---------------------|--------|-------------------|--------|-------|-------|------------------|--------|-------|-------|------------------------------------|---------------|-------------------------------------|---------------|--------------------|
| | | Insulation | Sheath | Insulation | Sheath | OD mm | kg/km | Insulation | Sheath | OD mm | kg/km | Stocked | Made to Order | Stocked | Made to Order | |
| 1/1.13 | 1.0 | - | - | 0.6 | 0.8 | 4.1 | 27 | 0.8 | 1.4 | | | 1/1.13 | AABP02AA001 | | 1/1.38 | Code not available |
| 1/1.38 | 1.5 | 0.7 | 0.8 | 0.6 | 0.8 | | | 0.8 | 1.4 | 5.9 | 53 | 1/1.38 | | BABP04AA001 | 1/1.38 | Code not available |
| 1/1.77 | 3-90-TP sh | 0.8 | 0.8 | 0.7 | 0.8 | | | 0.8 | 1.4 | 6.2 | 66 | 1/1.77 | | BABP06AA001 | 1/1.77 | Code not available |
| 1/2.24 | 3-90-TP sh | 0.8 | 0.9 | 0.8 | 0.9 | | | 1.0 | 1.4 | | | 1/2.24 | | Not Made | 1/2.24 | Code not available |
| 1/2.74 | 3-90-TP sh | 0.8 | 0.9 | 0.8 | 0.9 | | | 1.0 | 1.4 | | | 1/2.74 | | Not Made | 1/2.74 | Code not available |
| 1/3.56 | 10 | 1.0 | 0.9 | 1.0 | 0.9 | | | 1.0 | 1.4 | | | 1/3.56 | | Not Made | 1/3.56 | Code not available |

Table 13

Description: Single Plain Annealed Stranded Copper Conductor, PVC insulated and PVC Sheathed

| Class 2 Conductor | Area mm ² | BS6004 Tat 300/500V BS6346 0.6/1 kV | | AS5000.2 450/750V | | | | AS5000.1 0.6/1kV | | | | Recommended Australian Equivalents | | Recommended New Zealand Equivalents | | |
|----------------------|----------------------|--|--------|-------------------|--------|-------|-------|------------------|--------|-------|-------|------------------------------------|---------------|-------------------------------------|---------------|--------------------|
| | | Insulation | Sheath | Insulation | Sheath | OD mm | kg/km | Insulation | Sheath | OD mm | kg/km | Stocked | Made to Order | Stocked | Made to Order | |
| 7/0.53 | 1.5 | 0.7 | 0.8 | 0.6 | 0.8 | 4.5 | 32 | 0.8 | 1.4 | 6.0 | 53 | 7/0.53 | | BABi02AA001 | 7/0.53 | Code not available |
| 7/0.67 | 2.5 | 0.8 | 0.8 | 0.7 | 0.8 | 5.2 | 48 | 0.8 | 1.4 | 6.5 | 69 | 7/0.67 | AABP07AA001 | BABP07AA001 | 7/0.67 | Code not available |
| 7/0.85 | 4 | 0.8 | 0.9 | 0.8 | 0.9 | 6.2 | 71 | 1.0 | 1.4 | 7.4 | 95 | 7/0.85 | AABP09AA001 | | 7/0.85 | Code not available |
| 7/1.04 | 6 | 0.8 | 0.9 | 0.8 | 0.9 | 6.7 | 94 | 1.0 | 1.4 | 8.0 | 120 | 7/1.04 | AABP11AA001 | | 7/1.04 | Code not available |
| 7/1.35 | 10 | 1.0 | 0.9 | 1.0 | 0.9 | 8.1 | 147 | 1.0 | 1.4 | 8.9 | 170 | 7/1.35 | AABP13AA001 | | 7/1.35 | Code not available |
| 7/1.70 | 16 | 1.0 | 1.0 | 1.0 | 1.0 | 9.4 | 208 | 1.0 | 1.4 | 9.9 | 240 | 7/1.70 | AABP15AA001 | | Compact | Code not available |
| 7/2.14 | 25 | 1.2 | 1.1 | 1.2 | 1.1 | | | 1.2 | 1.4 | 11.2 | 340 | Compact | BABC17AA001 | | " | Code not available |
| 7/2.52 | 35 | 1.2 | 1.1 | | | | | 1.2 | 1.4 | 12.2 | 440 | " | BABC18AA001 | | " | Code not available |
| 19/1.78 | 50 | 1.4 | 1.4 | | | | | 1.4 | 1.4 | 13.8 | 580 | " | | BABC19AA001 | " | Code not available |
| 19/2.14 | 70 | 1.4 | 1.4 | | | | | 1.4 | 1.4 | 15.5 | 790 | " | | BABC20AA001 | " | Code not available |
| 19/2.52 | 95 | 1.6 | 1.5 | | | | | 1.6 | 1.5 | 18.2 | 1050 | " | | BABC22AA001 | " | Code not available |
| 37/2.03 | 120 | 1.6 | 1.5 | | | | | 1.6 | 1.5 | 20.4 | 1320 | 37/2.03 | | BABP23AA001 | " | Code not available |
| 37/2.25 | 150 | 1.8 | 1.6 | | | | | 1.8 | 1.6 | 22.1 | 1620 | 37/2.25 | | BABP24AA001 | " | Code not available |
| 37/2.52 | 185 | 2.0 | 1.7 | | | | | 2.0 | 1.7 | 24.5 | 2020 | 37/2.52 | | BABP25AA001 | " | Code not available |
| 61/2.25 | 240 | 2.2 | 1.8 | | | | | 2.2 | 1.8 | 27.8 | 2630 | 61/2.25 | | BABP26AA001 | " | Code not available |
| 62/2.52 | 300 | 2.4 | 1.9 | | | | | 2.4 | 1.9 | 30.8 | 3270 | 62/2.52 | | BABP27AA001 | " | Code not available |
| 61/2.85 | 400 | 2.6 | 2.0 | | | | | 2.6 | 2.0 | 34.7 | 4140 | 61/2.85 | | BABP28AA001 | " | Code not available |
| 61/3.20 | 500 | 2.8 | 2.1 | | | | | 2.8 | 2.1 | 38.4 | 5160 | 61/3.20 | | BABP30AA001 | " | Code not available |
| 127/2.52 | 630 | 2.8 | 2.2 | | | | | 2.8 | 2.2 | 42.2 | 6590 | 127/2.52 | | BABP32AA001 | " | Code not available |

Section 1 - Cables to British Standard.



Single core XLPE Insulated only cables

0.6/1kV, Copper Conductors, XLPE Insulated. Complies with IEC 60228, BS 6360, BS 5467 and BS 7889
 AS 5000.1 is a 0.6/1kV cable with Copper Conductors, XLPE Insulated. Complies with IEC 60228, IEC60502.1, BS6360, BS 5467 and BS 7889
 Complies with New Zealand Standards requirements
 Cables comply with both the Australian and British Standards

Table 20

Description: Single Solid Wire Plain Annealed Copper Conductor, XLPE insulated only

| Class 1 Conductor | Area mm ² | BS5467 0.6/1kV | | AS5000.1 0.6/1kV | | | Recommended Australian Equivalents | | Recommended New Zealand Equivalents | |
|----------------------|----------------------|---------------------------|--|---------------------------|--|--|---------------------------------------|--------------------|--|--------------------|
| | | Core Colours : As Ordered | | Core Colours : As Ordered | | | Stocked | Made to Order | Stocked | Made to Order |
| | | Insulation | | Insulation | | | | | | |
| 1/1.38 | 1.5 | 0.7 | | 0.7 | | | 1/1.38 | BAAP04BX001 | 1/1.38 | Code not available |
| 1/1.77 | 2.5 | 0.7 | | 0.7 | | | 1/1.77 | BAAP06BX001 | 1/1.77 | Code not available |
| 1/2.24 | 4 | 0.7 | | 0.7 | | | 1/2.24 | BAAP08BX001 | 1/2.24 | Code not available |
| 1/2.74 | 6 | 0.7 | | 0.7 | | | 1/2.74 | Code not available | 1/2.74 | Code not available |
| 1/3.56 | 10 | 0.7 | | 0.7 | | | 1/3.56 | Not made | 1/3.56 | Code not available |

Table 21

Description: Single Plain Annealed Stranded Copper Conductor, XLPE insulated only

| Class 2 Conductor | Area mm ² | BS5467 0.6/1kV BS7889 | | AS5000.1 0.6/1kV | | | Recommended Australian Equivalents | | Recommended New Zealand Equivalents | |
|----------------------|----------------------|---------------------------|--|---------------------------|-------|-------|---------------------------------------|---------------|--|--------------------|
| | | Core Colours : As Ordered | | Core Colours : As Ordered | | | Stocked | Made to Order | Stocked | Made to Order |
| | | Insulation | | Insulation | OD mm | kg/km | | | | |
| 7/0.53 | 1.5 | 0.7 | | 0.7 | 2.9 | 16.2 | 7/0.53 | BAAi02BX001 | 7/0.53 | Code not available |
| 7/0.67 | 2.5 | 0.7 | | 0.7 | 3.4 | 26.9 | 7/0.67 | BAAP07BX001 | 7/0.67 | Code not available |
| 7/0.85 | 4 | 0.7 | | 0.7 | 3.9 | 41.7 | 7/0.85 | BAAP09BX001 | 7/0.85 | Code not available |
| 7/1.04 | 6 | 0.7 | | 0.7 | 4.5 | 60.0 | 7/1.04 | BAAP11BX001 | 7/1.04 | Code not available |
| 7/1.35 | 10 | 0.7 | | 0.7 | 5.3 | 98.2 | 7/1.35 | BAAP13BX001 | 7/1.35 | Code not available |
| 7/1.70 | 16 | 0.7 | | 0.7 | 6.3 | 151 | 7/1.70 | BAAP15BX001 | 7/1.70 | Code not available |
| 7/2.14 | 25 | 0.9 | | 0.9 | 7.7 | 241 | Compact | BAAC17BX001 | Compact | Code not available |
| 7/2.52 | 35 | 0.9 | | 0.9 | 8.8 | 327 | " | BAAC18BX001 | " | Code not available |
| 19/1.78 | 50 | 1.0 | | 1.0 | 10.1 | 443 | " | BAAC19BX001 | " | Code not available |
| 19/2.14 | 70 | 1.1 | | 1.1 | 12.1 | 637 | " | BAAC20BX001 | " | Code not available |
| 19/2.52 | 95 | 1.1 | | 1.1 | 14.1 | 892 | " | BAAC22BX001 | " | Code not available |
| 37/2.03 | 120 | 1.2 | | 1.2 | 16.5 | 1114 | 37/2.03 | BAAP23BX001 | 37/2.03 | Code not available |
| 37/2.25 | 150 | 1.4 | | 1.4 | 18 | 1369 | 37/2.25 | BAAP24BX001 | 37/2.25 | Code not available |
| 37/2.52 | 185 | 1.6 | | 1.6 | 20.3 | 1719 | 37/2.52 | BAAP25BX001 | 37/2.52 | Code not available |
| 61/2.25 | 240 | 1.7 | | 1.7 | 23.1 | 2258 | 61/2.25 | BAAP26BX001 | 61/2.25 | Code not available |
| 62/2.52 | 300 | 1.8 | | 1.8 | 25.7 | 2825 | 62/2.52 | BAAP27BX001 | 62/2.52 | Code not available |
| 61/2.85 | 400 | 2.0 | | 2.0 | 29.4 | 3570 | 61/2.85 | BAAP28BX001 | 61/2.85 | Code not available |
| 61/3.20 | 500 | 2.2 | | 2.2 | 32.9 | 4577 | 61/3.20 | BAAP30BX001 | 61/3.20 | Code not available |
| 127/2.52 | 630 | 2.4 | | 2.4 | 36.9 | 5933 | 127/2.52 | BAAP32BX001 | 127/2.52 | Code not available |

Section 1 - Cables to British Standard.

Single core XLPE Insulated and PVC Sheathed Cables

0.6/1kV, Copper Conductors, XLPE Insulated and PVC Sheathed. Complies with IEC 60228, BS 6360 , BS 5467 and BS 7889
 AS 5000.1 is a 0.6/1kV cable with Copper Conductors, XLPE Insulated and PVC Sheathed. Complies with IEC 60228, IEC60502.1, BS6360, BS 5467 and BS 7889
 Complies with New Zealand Standards requirements
 Cables comply with both the Australian and British Standards

Table 22

Description: Single Plain Annealed Solid Wire Copper Conductor, XLPE insulated and PVC Sheathed

| Class 1 Conductor | Area mm2 | BS5467 0.6/1kV Core Colours : As Ordered | | AS5000.1 0.6/1kV | | | Recommended Australian Equivalents | | Recommended New Zealand Equivalents | |
|----------------------|----------|---|--------|------------------|--------|--------|---------------------------------------|---------------|--|--------------------|
| | | Insulation | Sheath | Insulation | Sheath | OD mm | Stocked | Made to Order | Stocked | Made to Order |
| 1/1.38 | 1.5 | 0.7 | 1.3 | 0.7 | 1.4 | 1/1.38 | | BDBP04AA001 | 1/1.38 | Code not available |
| 1/1.77 | 2.5 | 0.7 | 1.4 | 0.7 | 1.4 | 1/1.77 | | BDBP06AA001 | 1/1.77 | Code not available |
| 1/2.24 | 4 | 0.7 | 1.4 | 0.7 | 1.4 | 1/2.24 | | BDBP08AA001 | 1/2.24 | Code not available |
| 1/2.74 | 6 | 0.7 | 1.4 | 0.7 | 1.4 | 1/2.74 | | Not Made | 1/2.74 | Code not available |
| 1/3.56 | 10 | 0.7 | 1.4 | 0.7 | 1.4 | 1/3.56 | | Not Made | 1/3.56 | Code not available |

Table 23

Description: Single Plain Annealed Stranded Copper Conductor, XLPE insulated and PVC Sheathed

| Class 2 Conductor | Area mm2 | BS5467 0.6/1kV BS7889 Core Colours : As Ordered | | AS5000.1 0.6/1kV | | | Recommended Australian Equivalents | | Recommended New Zealand Equivalents | |
|----------------------|----------|---|--------|------------------|--------|-------|---------------------------------------|---------------|--|--------------------|
| | | Insulation | Sheath | Insulation | Sheath | OD mm | Stocked | Made to Order | Stocked | Made to Order |
| 7/0.53 | 1.5 | 0.7 | 1.3 | 0.7 | 1.4 | 5.8 | 7/0.53 | BDBi02AA001 | 7/0.53 | Code not available |
| 7/0.67 | 2.5 | 0.7 | 1.4 | 0.7 | 1.4 | 6.3 | 7/0.67 | BDBP07AA001 | 7/0.67 | Code not available |
| 7/0.85 | 4 | 0.7 | 1.4 | 0.7 | 1.4 | 6.8 | 7/0.85 | BDBP09AA001 | 7/0.85 | Code not available |
| 7/1.04 | 6 | 0.7 | 1.4 | 0.7 | 1.4 | 7.4 | 7/1.04 | BDBP11AA001 | 7/1.04 | Code not available |
| 7/1.35 | 10 | 0.7 | 1.4 | 0.7 | 1.4 | 8.2 | 7/1.35 | BDBP13AA001 | 7/1.35 | Code not available |
| 7/1.70 | 16 | 0.7 | 1.4 | 0.7 | 1.4 | 9.1 | 7/1.70 | BDBP15AA001 | Compact | 5373 |
| 7/2.14 | 25 | 0.9 | 1.4 | 0.9 | 1.4 | 10.6 | Compact | BDBC17AA001 | " | 4676 |
| 7/2.52 | 35 | 0.9 | 1.4 | 0.9 | 1.4 | 11.6 | " | BDBC18AA001 | " | 8252 |
| 19/1.78 | 50 | 1.0 | 1.4 | 1.0 | 1.4 | 12.9 | " | BDBC19AA001 | " | 8881 |
| 19/2.14 | 70 | 1.1 | 1.4 | 1.1 | 1.4 | 14.9 | " | BDBC20AA001 | " | 2893 |
| 19/2.52 | 95 | 1.1 | 1.5 | 1.1 | 1.5 | 17.2 | " | BDBC22AA001 | " | 5689 |
| 37/2.03 | 120 | 1.2 | 1.5 | 1.2 | 1.5 | 19.6 | 37/2.03 | BDBP23AA001 | " | 2440 |
| 37/2.25 | 150 | 1.4 | 1.6 | 1.4 | 1.6 | 21.3 | 37/2.25 | BDBP24AA001 | " | 4778 |
| 37/2.52 | 185 | 1.6 | 1.6 | 1.6 | 1.6 | 23.5 | 37/2.52 | BDBP25AA001 | " | 2081 |
| 61/2.25 | 240 | 1.7 | 1.7 | 1.7 | 1.7 | 26.6 | 61/2.25 | BDBP26AA001 | " | 2038 |
| 62/2.52 | 300 | 1.8 | 1.8 | 1.8 | 1.8 | 29.4 | 62/2.52 | BDBP27AA001 | " | 5941 |
| 61/2.85 | 400 | 2.0 | 1.9 | 2.0 | 1.9 | 33.3 | 61/2.85 | BDBP28AA001 | " | 2640 |
| 61/3.20 | 500 | 2.2 | 2.0 | 2.2 | 2.0 | 37.0 | 61/3.20 | BDBP30AA001 | " | 2340 |
| 127/2.52 | 630 | 2.4 | 2.2 | 2.4 | 2.2 | 41.4 | 127/2.52 | BDBP32AA001 | " | 4711 |

Section 1 - Cables to British Standard.



Two core Flat insulated & sheathed PVC cables

- 300/500V, Copper Conductors, PVC Insulated and sheathed. Complies with IEC 60228, BS 6360 and BS6004
- AS 5000.2 is a 450/750V cable with Copper Conductors, PVC Insulated and sheathed. Complies with IEC 60228, BS6360 and approximates BS6004
- AS 5000.1 is a 0.6/1kV cable with Copper Conductors, PVC Insulated and sheathed. Complies with IEC 60228, IEC60502.1, BS6360 and exceeds requirements of BS6004
- Complies with New Zealand Standards requirements

Table 30

Description: Two core Flat, Plain Annealed Copper Conductor, PVC insulated and PVC Sheathed

| Conductor | Area mm ² | BS6004 300/500V <i>Core Colours : Red & Black</i> | | AS5000.2 450/750V | | | AS5000.1 0.6/1 kV <i>Core Colours : Red & Black</i> | | Recommended Australian Equivalents | | NZS 6401 | Recommended New Zealand Equivalents | | |
|-----------|----------------------|--|--------|-------------------|--------|-------|--|--------|---------------------------------------|---------------|-------------|--|---------------|--------------------|
| | | Insulation | Sheath | Insulation | Sheath | OD mm | Insulation | Sheath | Stocked | Made to Order | | Stocked | Made to Order | |
| 1/1.38 | 1.5 | 0.7 | 0.9 | 0.6 | 0.9 | | 0.8 | 1.8 | 1/1.38 | | | | | Code not available |
| 1/1.77 | 2.5 | 0.8 | 1.0 | 0.7 | 1.0 | | 0.8 | 1.8 | 1/1.78 | | | | | Code not available |
| 7/0.53 | 1.5 | 0.7 | 0.9 | 0.6 | 0.9 | | 0.8 | 1.8 | 7/0.50 | CACP05AA002 | DACP05AA002 | 3/0.82 | 7373 | |
| 7/0.67 | 2.5 | 0.8 | 1.0 | 0.7 | 1.0 | | 0.8 | 1.8 | 7/0.67 | CACP07AA002 | DACP07AA002 | 7/0.67 | 9880 | |

Table 31

Description: Two core plus Earth Flat, Plain Annealed Copper Conductor, PVC insulated and PVC Sheathed

*Note: Stocked Australian Multicore Power cables, include one Insulated Earth core

| Conductor | Area mm ² | BS6004 300/500V <i>Core Colours : Red & Black</i> | | AS5000.2 450/750V | | | AS5000.1 0.6/1 kV <i>Core Colours : Red, Black & Green/Yell</i> | | | Recommended Australian Equivalents | | NZS 6401 | Recommended New Zealand Equivalents | |
|-----------|----------------------|--|--------|-------------------|-------|--------|--|-------|--------|---------------------------------------|---------------|-------------|--|--------------------|
| | | Insulation | Sheath | Main | Earth | Sheath | Main | Earth | Sheath | Stocked | Made to Order | | Stocked | Made to Order |
| 1/1.38 | 1.5 | 0.7 | 0.9 | 0.6 | 0.6 | 0.9 | 0.8 | 0.6 | 1.8 | 1/1.38 | | | | Code not available |
| 1/1.77 | 2.5 | 0.8 | 1.0 | 0.7 | 0.7 | 1.0 | 0.8 | 0.7 | 1.8 | 1/1.78 | | | | Code not available |
| 7/0.53 | 1.5 | 0.7 | 0.9 | 0.6 | 0.6 | 0.9 | 0.8 | 0.6 | 1.8 | 7/0.50 | CNCP05AA002 | DNCP05AA002 | 3/0.82 | 2521 |
| 7/0.67 | 2.5 | 0.8 | 1.0 | 0.7 | 0.7 | 1.0 | 0.8 | 0.7 | 1.8 | 7/0.67 | CNCP07AA002 | DNCP07AA002 | 7/0.67 | 1080 |

Cables include an insulated Earth Conductor

Section 1 - Cables to British Standard.



Two & Three Core circular PVC cable

- 300/500V, Copper Conductors, PVC Insulated. Complies with IEC 60228, BS 6360 and BS6004
- AS 5000.1 is a 0.6/1kV cable with Copper Conductors, PVC Insulated. Complies with IEC 60228, IEC60502.1, BS6360 and exceeds the requirements of BS6004
- AS 5000.2 is a 450/750V cable with Copper Conductors, PVC Insulated. Complies with IEC 60228, BS6360 and BS6004
- Complies with New Zealand Standards requirements

Table 40

Description: Two Core Circular, Plain Annealed Copper, PVC insulated and PVC sheathed

*Note: Stocked Australian Multicore Power cables, include one Insulated Earth core

| Class 2 Conductor | Area mm ² | BS6004 300/500V | | | AS5000.2 450/750V | | | AS5000.1 0.6/1 kV | | | Recommended Australian Equivalents | | Recommended New Zealand Equivalents | | |
|----------------------|----------------------|----------------------------|--------|-------|----------------------------|--------|-------|----------------------------|--------|-------|---------------------------------------|---------------|--|---------------|--------------------|
| | | Core Colours : Red & Black | | | Core Colours : Red & Black | | | Core Colours : Red & Black | | | Stocked | Made to Order | Equivalents | Made to Order | |
| | | Insulation | Sheath | OD mm | Insulation | Sheath | OD mm | Insulation | Sheath | OD mm | | | | | |
| 7/0.53 | 1.5 | 0.7 | 1.2 | 9.2 | 0.6 | 1.8 | 10.0 | 0.8 | 1.8 | | 7/0.53 | CNHP05AA002 | CAHP05AA002 | 7/0.53 | 4948 |
| 7/0.67 | 2.5 | 0.8 | 1.2 | 10.4 | 0.7 | 1.8 | 10.8 | 0.8 | 1.8 | | 7/0.67 | CNHP07AA002 | CAHP07AA002 | 7/0.67 | 5312 |
| 7/0.85 | 4 | 0.8 | 1.2 | 11.5 | 0.8 | 1.8 | 12.7 | 1.0 | 1.8 | | 7/0.85 | CNHP09AA002 | CAHP09AA002 | 7/0.85 | 1024 |
| 7/1.04 | 6 | 0.8 | 1.2 | 12.6 | 0.8 | 1.8 | 13.4 | 1.0 | 1.8 | | 7/1.04 | CNHP11AA002 | CAHP11AA002 | 7/1.04 | 2160 |
| 7/1.35 | 10 | 1.0 | 1.4 | 16.2 | | | | 1.0 | 1.8 | 16.5 | 7/1.35 | DNHP13AA002 | DAHP13AA002 | 7/1.35 | 2691 |
| 7/1.70 | 16 | 1.0 | 1.4 | 18.3 | | | | 1.0 | 1.8 | 18.5 | 7/1.70 | DNHP15AA002 | DAHP15AA002 | 7/1.70 | Code not Available |
| 7/2.14 | 25 | 1.2 | 1.4 | 22.8 | | | | 1.2 | 1.8 | 20.6 | 7/2.14 | DNHC17AA002 | DAHC17AA002 | 7/2.14 | Code not Available |
| 7/2.52 | 35 | 1.2 | 1.6 | 25.4 | | | | 1.2 | 1.8 | 22.7 | 7/2.52 | DNHC18AA002 | DAHC18AA002 | 7/2.52 | Code not Available |

Stocked cables include an insulated Earth Conductor

Table 41

Description: Three Core Circular, Plain Annealed Copper, PVC insulated and PVC sheathed

*Note: Stocked Australian Multicore Power cables, include one Insulated Earth core

| Class 2 Conductor | Area mm ² | BS6004 300/500V | | | AS5000.2 450/750V | | | AS5000.1 0.6/1 kV | | | Recommended Australian Equivalents | | Recommended New Zealand Equivalents | | |
|----------------------|----------------------|----------------------------------|--------|-------|---------------------------------|--------|-------|---------------------------------|--------|-------|---------------------------------------|---------------|--|---------------|--------------------|
| | | Core Colours : Red, Yellow, Blue | | | Core Colours : Red, White, Blue | | | Core Colours : Red, White, Blue | | | Stocked | Made to Order | Equivalents | Made to Order | |
| | | Insulation | Sheath | OD mm | Insulation | Sheath | OD mm | Insulation | Sheath | OD mm | | | | | |
| 7/0.53 | 1.5 | 0.7 | 1.2 | 10.4 | 0.6 | 1.8 | 10.7 | 0.8 | 1.8 | | 7/0.53 | ENHP05AA003 | EAHP05AA003 | 7/0.53 | 3145 |
| 7/0.67 | 2.5 | 0.8 | 1.2 | 11.9 | 0.7 | 1.8 | 11.3 | 0.8 | 1.8 | | 7/0.67 | ENHP07AA003 | EAHP07AA003 | 7/0.67 | 6978 |
| 7/0.85 | 4 | 0.8 | 1.2 | 13.6 | 0.8 | 1.8 | 13.8 | 1.0 | 1.8 | | 7/0.85 | ENHP09AA003 | EAHP09AA003 | 7/0.85 | 1750 |
| 7/1.04 | 6 | 0.8 | 1.4 | 15.4 | 0.8 | 1.8 | 14.8 | 1.0 | 1.8 | | 7/1.04 | ENHP11AA003 | EAHP11AA003 | 7/1.04 | 8214 |
| 7/1.35 | 10 | 1.0 | 1.4 | 18.7 | 1.0 | 1.8 | 18.1 | 1.0 | 1.8 | 18.1 | 7/1.35 | FNHP13AA003 | FAHP13AA003 | 7/1.35 | 7025 |
| 7/1.70 | 16 | 1.0 | 1.4 | 21.7 | 1.0 | 1.8 | 20.5 | 1.0 | 1.8 | 20.5 | 7/1.70 | FNHP15AA003 | FAHP15AA003 | 7/1.70 | 5101 |
| 7/2.14 | 25 | 1.2 | 1.6 | 27.4 | 1.2 | 1.8 | 22.4 | 1.2 | 1.8 | 22.4 | 7/2.14 | FNHC17AA003 | FAHC17AA003 | 7/2.14 | Code not Available |
| 7/2.52 | 35 | 1.2 | 1.6 | 29.6 | 1.2 | 1.8 | 24.8 | 1.2 | 1.8 | 24.8 | 7/2.52 | FNHC18AA003 | FAHC18AA003 | 7/2.52 | Code not Available |

Stocked cables include an insulated Earth Conductor

Section 1 - Cables to British Standard.

Four and Five Core circular PVC cable

- 300/500V, Copper Conductors, PVC Insulated and sheathed. Complies with IEC 60228, BS 6360 and BS6004
- AS 5000.1 is a 0.6/1kV cable with Copper Conductors, PVC Insulated and sheathed. Complies with IEC 60228, IEC60502.1, BS6360 and exceeds the requirements of BS6004
- AS 5000.2 is a 450/750V cable with Copper Conductors, PVC Insulated and sheathed. Complies with IEC 60228, BS6360 and BS6004
- Complies with New Zealand Standards requirements

Table 42

Description: Four Core Circular, Plain Annealed Copper, PVC insulated and PVC sheathed

*Note: Stocked Australian Multicore Power cables, include one Insulated Earth core

| Class 2 Conductor | Area mm ² | BS6004 300/500V Core Colours : Red, Yellow, Blue, Black | | | AS5000.2 450/750V Core Colours : Red, White, Blue, Black | | | AS5000.1 0.6/1 kV Core Colours : Red, White, Blue, Black | | | Recommended Australian Equivalents | | Recommended New Zealand Equivalents | |
|----------------------|----------------------|--|--------|-------|---|--------|-------|---|--------|-------|------------------------------------|---------------|-------------------------------------|--------------------|
| | | Insulation | Sheath | OD mm | Insulation | Sheath | OD mm | Insulation | Sheath | OD mm | Stocked | Made to Order | | Made to Order |
| 7/0.53 | 1.5 | 0.7 | 1.2 | 9.7 | 0.6 | 1.8 | 11.5 | 0.8 | 1.8 | | 7/0.53 GNHP05AA004 | GAHP05AA004 | 7/0.53 | 4131 |
| 7/0.67 | 2.5 | 0.8 | 1.2 | 11.0 | 0.7 | 1.8 | 13.3 | 0.8 | 1.8 | | 7/0.67 GNHP07AA004 | GAHP07AA004 | 7/0.67 | 7325 |
| 7/0.85 | 4 | 0.8 | 1.4 | 12.1 | 0.8 | 1.8 | 15.1 | 0.8 | 1.8 | | 7/0.85 GNHP09AA004 | GAHP09AA004 | 7/0.85 | 9465 |
| 7/1.04 | 6 | 0.8 | 1.4 | 13.8 | 0.8 | 1.8 | 16.2 | 0.8 | 1.8 | | 7/1.04 GNHP11AA004 | GAHP11AA004 | 7/1.04 | Code not Available |
| 7/1.35 | 10 | 1.0 | 1.4 | 17.2 | | | 19.9 | 1.0 | 1.8 | | 7/1.35 HNHP13AA004 | HAHP13AA004 | 7/1.35 | Code not Available |
| 7/1.70 | 16 | 1.0 | 1.4 | 19.8 | | | 22.7 | 1.0 | 1.8 | | 7/1.70 HNHP15AA004 | HAHP15AA004 | 7/1.70 | Code not Available |
| 7/2.14 | 25 | 1.2 | 1.6 | 24.6 | | | 24.7 | 1.2 | 1.8 | | 7/2.14 HNHC17AA004 | HAHC17AA004 | 7/2.14 | Code not Available |
| 7/2.52 | 35 | 1.2 | 1.6 | 27.0 | | | 27.4 | 1.2 | 1.8 | | 7/2.52 HNHC18AA004 | HAHC18AA004 | 7/2.52 | Code not Available |

Stocked cables include an insulated Earth Conductor

Table 43

Description: Five Core Circular, Plain Annealed Copper, PVC insulated and PVC sheathed

| Class 2 Conductor | Area mm ² | BS6004 300/500V Core Colours : Red, Yellow, Blue, Black, Green | | | AS5000.2 450/750V Core Colours : Red, White, Blue, Black, Green/Yellow | | | AS5000.1 0.6/1 kV Core Colours : Red, White, Blue, Black, Green/Yellow | | | Recommended Australian Equivalents | | Recommended New Zealand Equivalents | |
|----------------------|----------------------|---|--------|-------|---|--------|-------|---|--------|-------|------------------------------------|---------------|-------------------------------------|--------------------|
| | | Insulation | Sheath | OD mm | Insulation | Sheath | OD mm | Insulation | Sheath | OD mm | Stocked | Made to Order | | Made to Order |
| 7/0.53 | 1.5 | 0.7 | 1.2 | 9.7 | 0.6 | 1.8 | 11.5 | 0.8 | 1.8 | | 7/0.53 GNHP05AA004 | | 7/0.53 | Code not Available |
| 7/0.67 | 2.5 | 0.8 | 1.2 | 11.5 | 0.7 | 1.8 | 13.3 | 0.8 | 1.8 | | 7/0.67 GNHP07AA004 | | 7/0.67 | Code not Available |
| 7/0.85 | 4 | 0.8 | 1.4 | 13.2 | 0.8 | 1.8 | 15.1 | 0.8 | 1.8 | | 7/0.85 GNHP09AA004 | | 7/0.85 | Code not Available |
| 7/1.04 | 6 | 0.8 | 1.4 | 14.6 | 0.8 | 1.8 | 16.2 | 0.8 | 1.8 | | 7/1.04 GNHP11AA004 | | 7/1.04 | Code not Available |
| 7/1.35 | 10 | 1.0 | 1.4 | 17.4 | | | 19.9 | 1.0 | 1.8 | | 7/1.35 HNHP13AA004 | | 7/1.35 | Code not Available |
| 7/1.70 | 16 | 1.0 | 1.4 | 19.4 | | | 22.7 | 1.0 | 1.8 | | 7/1.70 HNHP15AA004 | | 7/1.70 | Code not Available |
| 7/2.14 | 25 | 1.2 | 1.6 | 23.9 | | | 24.7 | 1.2 | 1.8 | | 7/2.14 HNHC17AA004 | | 7/2.14 | Code not Available |
| 7/2.52 | 35 | 1.2 | 1.6 | 26.4 | | | 27.4 | 1.2 | 1.8 | | 7/2.52 HNHC18AA004 | | 7/2.52 | Code not Available |

Sectio 1 - Cables to British Standard.



Two & Three Core XLPE circular cable

- 450/750V, Stranded Copper Conductors, XLPE Insulated and PVC sheathed to BS7211 & BS7889
- AS 5000.1 is a 0.6/1kV cable with Copper Conductors, XLPE Insulated and PVC sheathed. Complies with IEC 60228, IEC60502.1, BS7211 and BS7889
- Complies with New Zealand Standards requirements

Table 50

Description: Two core Circular, Plain Annealed Copper Conductor, XLPE insulated, PVC Sheathed

| Class 2 Conductor | Area mm ² | BS7211 450/750V | | | AS5000.1 0.6/1kV | | | Recommended Australian Equivalents | | | Recommended New Zealand Equivalents | | |
|----------------------|----------------------|-----------------|--------|-------|------------------|--------|-----------|------------------------------------|---------------|-------------|-------------------------------------|---------------|--------------------|
| | | Insulation | Sheath | OD mm | Insulation | Sheath | OD Sheath | Stocked | Made to Order | NZS 5000.1 | Stocked | Made to Order | |
| 7/0.53 | 1.5 | 0.7 | 1.2 | 9.3 | 0.7 | 1.8 | 9.7 | 7/0.50 | DTHP05AA002 | DEHP05AA002 | 7/0.50 | | Code not available |
| 7/0.67 | 2.5 | 0.7 | 1.2 | 10.3 | 0.7 | 1.8 | 10.8 | 7/0.67 | DTHP07AA002 | DEHP07AA002 | 7/0.67 | | Code not available |
| 7/0.85 | 4 | 0.7 | 1.2 | 11.4 | 0.7 | 1.8 | 11.8 | 7/0.85 | DTHP09AA002 | DEHP09AA002 | 7/0.85 | | 8725 |
| 7/1.04 | 6 | 0.7 | 1.2 | 12.6 | 0.7 | 1.8 | 13.0 | 7/1.04 | DTHP11AA002 | DEHP11AA002 | 7/1.04 | | Code not available |
| 7/1.35 | 10 | 0.7 | 1.4 | 15.0 | 0.7 | 1.8 | 14.6 | 7/1.35 | DTHP13AA002 | DEHP13AA002 | 7/1.35 | | Code not available |
| 7/1.70 | 16 | 0.7 | 1.4 | 16.5 | 0.7 | 1.8 | 16.7 | 7/1.70 | DTHP15AA002 | DEHP15AA002 | Compact | | 9926 |
| 7/2.14 | 25 | 0.9 | 1.4 | 20.4 | 0.9 | 1.8 | 19.8 | Compact | DTHC17AA002 | DEHC17AA002 | " | | 3408 |
| 7/2.52 | 35 | 0.9 | 1.6 | 23.2 | 0.9 | 1.8 | 21.7 | " | DTHC18AA002 | DEHC18AA002 | " | | |

Stocked cables include an insulated Earth Conductor

Table 51

Description: Three core Circular, Plain Annealed Copper Conductor, XLPE insulated, PVC Sheathed

*Note: Stocked Australian Multicore Power cables, include one Insulated Earth core

| Class 2 Conductor | Area mm ² | BS7211 450/750V | | | AS5000.1 0.6/1kV | | | Recommended Australian Equivalents | | | Recommended New Zealand Equivalents | | |
|----------------------|----------------------|-----------------|--------|-------|------------------|--------|-----------|------------------------------------|---------------|-------------|-------------------------------------|---------------|--------------------|
| | | Insulation | Sheath | OD mm | Insulation | Sheath | OD Sheath | Stocked | Made to Order | NZS 5000.1 | Stocked | Made to Order | |
| 7/0.53 | 1.5 | 0.7 | 1.2 | 9.7 | 0.7 | 1.8 | 10.2 | 7/0.50 | FTHP05AA003 | FEHP05AA003 | 7/0.53 | | Code not available |
| 7/0.67 | 2.5 | 0.7 | 1.2 | 10.9 | 0.7 | 1.8 | 11.3 | 7/0.67 | FTHP07AA003 | FEHP07AA003 | 7/0.67 | | 8355 |
| 7/0.85 | 4 | 0.7 | 1.2 | 12 | 0.7 | 1.8 | 12.4 | 7/0.85 | FTHP09AA003 | FEHP09AA003 | 7/0.85 | | 8821 |
| 7/1.04 | 6 | 0.7 | 1.2 | 13.7 | 0.7 | 1.8 | 13.6 | 7/1.04 | FTHP11AA003 | FEHP11AA003 | 7/1.04 | | Code not available |
| 7/1.35 | 10 | 0.7 | 1.4 | 15.8 | 0.7 | 1.8 | 15.4 | 7/1.35 | FTHP13AA003 | FEHP13AA003 | 7/1.35 | | 9436 |
| 7/1.70 | 16 | 0.7 | 1.4 | 17.9 | 0.7 | 1.8 | 17.5 | 7/1.70 | FTHP15AA003 | FEHP15AA003 | Compact | | Code not available |
| 7/2.14 | 25 | 0.9 | 1.4 | 21.7 | 0.9 | 1.8 | 21.0 | Compact | FYHC17AA003 | FEHC17AA003 | " | | Code not available |
| 7/2.52 | 35 | 0.9 | 1.6 | 24.5 | 0.9 | 1.8 | 23.1 | " | FTHC18AA003 | FEHC18AA003 | " | | Code not available |

Stocked cables include an insulated Earth Conductor

Sectio 1 - Cables to British Standard.

Four & Five Core XLPE circular cable

- 450/750V, Stranded Copper Conductors, XLPE Insulated and PVC Sheathed to ?
- AS 5000.1 is a 0.6/1kV cable with Copper Conductors, XLPE Insulated and PVC sheathed. Complies with IEC 60228, IEC60502.1, BS7211 and (BS7889 ??)
- Complies with New Zealand Standards requirements

Table 52

Description: Four core Circular, Plain Annealed Copper Conductor, XLPE insulated, PVC Sheathed

*Note: Stocked Australian Multicore Power cables, include one Insulated Earth core

| Class 2 Conductor | Area mm ² | BS7211 | | | AS5000.1 0.6/1kV | | | Recommended Australian Equivalents | | Recommended New Zealand Equivalents | | |
|----------------------|----------------------|------------|--------|-------|------------------|--------|-------|---------------------------------------|----------------------------|--|---------|--------------------|
| | | Insulation | Sheath | OD mm | Insulation | Sheath | OD mm | Stocked | Made to Order | NZS 5000.1 | Stocked | Made to Order |
| 7/0.53 | 1.5 | 0.7 | 1.2 | 9.7 | 0.7 | 1.8 | 10.9 | 7/0.50 | HEHP05AA004 | 7/0.53 | | Code not available |
| 7/0.67 | 2.5 | 0.7 | 1.2 | 11.0 | 0.7 | 1.8 | 12.2 | 7/0.67 | HEHP07AA004 | 7/0.67 | | 8355 |
| 7/0.85 | 4 | 0.7 | 1.2 | 12.7 | 0.7 | 1.8 | 13.5 | 7/0.85 | HEHP09AA004 | 7/0.85 | | 8821 |
| 7/1.04 | 6 | 0.7 | 1.4 | 14.1 | 0.7 | 1.8 | 14.8 | 7/1.04 | HEHP11AA004 | 7/1.04 | | Code not available |
| 7/1.35 | 10 | 0.7 | 1.4 | 16.0 | 0.7 | 1.8 | 16.8 | 7/1.35 | HEHP13AA004 | 7/1.35 | | 9436 |
| 7/1.70 | 16 | 0.7 | 1.4 | 17.9 | 0.7 | 1.8 | 19.1 | 7/1.70 | HTHP15AA004 HEHP15AA004 | Compact | | Code not available |
| 7/2.14 | 25 | 0.9 | 1.6 | 22.1 | 0.9 | 1.8 | 23.1 | Compact | HTHC17AA004 HEHC17AA004 | " | | Code not available |
| 7/2.52 | 35 | 0.9 | 1.6 | 24.8 | 0.9 | 1.8 | 25.4 | " | HTHC18AA004 HEHC18AA004 | " | | Code not available |

Stocked cables include an insulated Earth Conductor

Table 53

Description: Five core Circular, Plain Annealed Copper Conductor, XLPE insulated, PVC Sheathed

| Class 2 Conductor | Area mm ² | BS7211 | | | AS5000.1 0.6/1kV | | | Recommended Australian Equivalents | | Recommended New Zealand Equivalents | | |
|----------------------|----------------------|------------|--------|-------|------------------|--------|-------|---------------------------------------|---------------------------|--|---------|--------------------|
| | | Insulation | Sheath | OD mm | Insulation | Sheath | OD mm | Stocked | Made to Order | NZS 5000.1 | Stocked | Made to Order |
| 7/0.53 | 1.5 | 0.7 | 1.2 | 9.7 | 0.7 | 1.8 | 11.7 | 7/0.50 | HHP05AA004 | 7/0.53 | | Code not available |
| 7/0.67 | 2.5 | 0.7 | 1.2 | 11.0 | 0.7 | 1.8 | 13.2 | 7/0.67 | HHP07AA004 | 7/0.67 | | 8355 |
| 7/0.85 | 4 | 0.7 | 1.4 | 12.7 | 0.7 | 1.8 | 14.4 | 7/0.85 | HHP09AA004 | 7/0.85 | | 8821 |
| 7/1.04 | 6 | 0.7 | 1.4 | 14.1 | 0.7 | 1.8 | 15.5 | 7/1.04 | HHP11AA004 | 7/1.04 | | Code not available |
| 7/1.35 | 10 | 0.7 | 1.4 | 16.0 | 0.7 | 1.8 | 17.6 | 7/1.35 | HHP13AA004 | 7/1.35 | | 9436 |
| 7/1.70 | 16 | 0.7 | 1.4 | 18.0 | 0.7 | 1.8 | 19.9 | 7/1.70 | HHP15AA004 HHP15AA004 | Compact | | Code not available |
| 7/2.14 | 25 | 0.9 | 1.6 | 22.4 | 0.9 | 1.8 | 23.5 | Compact | HTHC17AA004 HHC17AA004 | " | | Code not available |
| 7/2.52 | 35 | 0.9 | 1.6 | 24.8 | 0.9 | 1.8 | 26.0 | " | HTHC18AA004 HHC18AA004 | " | | Code not available |

Stocked cables include an insulated Earth Conductor

Section 1 - Cables to British Standard.



Multicore PVC Auxilliary Cables

300/500V, Stranded Copper Conductors, PVC Insulated and PVC sheathed to BS6346, complying also with IEC 60228, BS 6746

0.6/1kV, Stranded Copper Conductors, PVC Insulated and PVC sheathed, complies with IEC 60228, BS6746

Table 60

Description: Multicore Circular, 1.5 mm² Stranded Copper Conductor, PVC insulated, PVC Sheathed

*Note: Stocked Australian Multicore Power cables, include one Insulated Earth core

Core Colours: White insulation, Black numbering

| Class 2 Conductor No. Cores | BS6004 | | | 300/500 | | | AS5000.1 | 0.6/1kV | | | Recommended Australian Equivalents | | Recommended New Zealand Equivalents | |
|--------------------------------|------------|--------|-----------|--------------|-----|------|----------|-------------|-------------|-----------|---------------------------------------|--------------------|--|---------|
| | Insulation | Sheath | OD Sheath | Max Res 12.1 | | | | Insulation | Sheath | OD Sheath | Max Res 13.6 | Stocked | Made to Order | Stocked |
| 7/0.53 7 | 0.7 | 1.8 | 13.0 | 0.8 | 1.8 | 13.0 | 7/0.53 | BFAP05AA006 | | 7/0.53 | | Code not available | | |
| 7/0.53 12 | 0.7 | 1.8 | 16.4 | 0.8 | 1.8 | 16.5 | 7/0.53 | | BFAP05AA011 | 7/0.53 | | Code not available | | |
| 7/0.53 13 | 0.7 | 1.8 | 16.4 | 0.8 | 1.8 | 16.8 | 7/0.53 | BFAP05AA012 | | 7/0.53 | | Code not available | | |
| 7/0.53 19 | 0.7 | 1.8 | 18.9 | 0.8 | 1.8 | 19.0 | 7/0.53 | | BFAP05AA018 | 7/0.53 | | Code not available | | |
| 7/0.53 21 | 0.7 | 1.8 | 19.8 | 0.8 | 1.8 | 20.0 | 7/0.53 | BFAP05AA020 | | 7/0.53 | | Code not available | | |
| 7/0.53 26 | 0.7 | 1.8 | 21.8 | 0.8 | 1.8 | 22.1 | 7/0.53 | BFAP05AA025 | | 7/0.53 | | Code not available | | |
| 7/0.53 27 | 0.7 | 1.8 | 22.3 | 0.8 | 1.8 | 22.7 | 7/0.53 | | BFAP05AA026 | 7/0.53 | | Code not available | | |
| 7/0.53 37 | 0.7 | 1.8 | 24.8 | 0.8 | 1.9 | 25.1 | 7/0.53 | BFAP05AA036 | | 7/0.53 | | Code not available | | |

Cables include an Earth Conductor

Table 61

Description: Multicore Circular, 2.5 mm² Stranded Copper Conductor, PVC insulated, PVC Sheathed

*Note: Stocked Australian Multicore Power cables, include one Insulated Earth core

Core Colours: White insulation, Black numbering

| Class 2 Conductor No. Cores | BS6004 | | | 300/500 | | | AS5000.1 | 0.6/1kV | | | Recommended Australian Equivalents | | Recommended New Zealand Equivalents | |
|--------------------------------|------------|--------|-----------|--------------|-----|------|----------|-------------|-------------|-----------|---------------------------------------|--------------------|--|---------|
| | Insulation | Sheath | OD Sheath | Max Res 7.28 | | | | Insulation | Sheath | OD Sheath | Max Res 7.41 | Stocked | Made to Order | Stocked |
| 7/0.67 7 | 0.7 | 1.8 | 15.2 | 0.8 | 1.8 | 14.6 | 7/0.67 | BFAP07AA006 | | 7/0.67 | | Code not available | | |
| 7/0.67 12 | 0.7 | 1.8 | 19.5 | 0.8 | 1.8 | 18.7 | 7/0.67 | | BFAP07AA011 | 7/0.67 | | Code not available | | |
| 7/0.67 13 | 0.7 | 1.8 | 19.8 | 0.8 | 1.8 | 19.0 | 7/0.67 | BFAP07AA012 | | 7/0.67 | | Code not available | | |
| 7/0.67 19 | 0.7 | 1.8 | 22.6 | 0.8 | 1.8 | 21.7 | 7/0.67 | | BFAP07AA018 | 7/0.67 | | Code not available | | |
| 7/0.67 21 | 0.7 | 1.8 | 23.7 | 0.8 | 1.8 | 22.8 | 7/0.67 | BFAP07AA020 | | 7/0.67 | | Code not available | | |
| 7/0.67 26 | 0.7 | 1.8 | 26.3 | 0.8 | 1.9 | 25.2 | 7/0.67 | BFAP07AA025 | | 7/0.67 | | Code not available | | |
| 7/0.67 27 | 0.7 | 1.8 | 26.9 | 0.8 | 1.9 | 25.7 | 7/0.67 | | BFAP07AA026 | 7/0.67 | | Code not available | | |
| 7/0.67 37 | 0.7 | 1.8 | 29.8 | 0.8 | 2.0 | 28.9 | 7/0.67 | BFAP07AA036 | | 7/0.67 | | Code not available | | |

Cables include an Earth Conductor

Section 1 - Cables to British Standard.



Multicore XLPE Auxilliary Cables

- 0.6/1kV, Stranded Copper Conductors, XLPE Insulated and PVC Sheathed to BS5467, complying also with IEC 60228, BS 7655
- AS 5000.1 is a 0.6/1kV, Stranded Copper Conductors, XLPE Insulated, complies with IEC 60228, AS5000.1
- Complies with New Zealand Standards requirements

Table 70

Description: Multicore Circular, 1.5 mm² Stranded Copper Conductor, XLPE insulated, PVC Sheathed

***Note:** Stocked Australian Multicore Power cables, include one insulated earth

Core Colours: White insulation, Black numbering

| Class 2 Conductor No. Cores | BS5467 0.6/1kV Max Res 12.1 | | | AS5000.1 0.6/1kV Max Res 13.6 | | | Recommended Australian Equivalents | | Recommended New Zealand Equivalents | |
|--------------------------------|--------------------------------|--------|-------|----------------------------------|--------|-------|---------------------------------------|---------------|--|--------------------|
| | Insulation | Sheath | OD mm | Insulation | Sheath | OD mm | Stocked | Made to Order | Stocked | Made to Order |
| 7/0.53 7 | 0.7 | 1.8 | 13.0 | 0.8 | 1.8 | 13.0 | 7/0.53 BTAP05AA006 | | 7/0.53 | 5408 |
| 7/0.53 12 | 0.7 | 1.8 | 16.4 | 0.8 | 1.8 | 16.4 | 7/0.53 | BTAP05AA011 | 7/0.53 | Code not available |
| 7/0.53 13 | 0.7 | 1.8 | 16.6 | 0.8 | 1.8 | 16.6 | 7/0.53 BTAP05AA012 | | 7/0.53 | Code not available |
| 7/0.53 19 | 0.7 | 1.8 | 18.9 | 0.8 | 1.8 | 18.9 | 7/0.53 | BTAP05AA018 | 7/0.53 | Code not available |
| 7/0.53 21 | 0.7 | 1.8 | 19.8 | 0.8 | 1.8 | 19.8 | 7/0.53 BTAP05AA020 | | 7/0.53 | Code not available |
| 7/0.53 26 | 0.7 | 1.8 | 21.8 | 0.8 | 1.8 | 21.8 | 7/0.53 BTAP05AA025 | | 7/0.53 | Code not available |
| 7/0.53 27 | 0.7 | 1.8 | 22.3 | 0.8 | 1.8 | 22.3 | 7/0.53 | BTAP05AA026 | 7/0.53 | Code not available |
| 7/0.53 37 | 0.7 | 1.8 | 24.8 | 0.8 | 1.8 | 24.8 | 7/0.53 BTAP05AA036 | | 7/0.53 | Code not available |

Cable include an Earth Conductor

Table 71 Description: Multicore Circular, 2.5 mm² Stranded Copper Conductor, XLPE Insulated, PVC Sheathed

***Note:** Stocked Australian Multicore Power cables, include one insulated earth

Core Colours: White insulation, Black numbering

| Class 2 Conductor No. Cores | BS5467 0.6/1kV Max Res 7.28 | | | AS5000.1 0.6/1kV Max Res 7.41 | | | Recommended Australian Equivalents | | Recommended New Zealand Equivalents | |
|--------------------------------|--------------------------------|--------|-------|----------------------------------|--------|-------|---------------------------------------|---------------|--|--------------------|
| | Insulation | Sheath | OD mm | Insulation | Sheath | OD mm | Stocked | Made to Order | Stocked | Made to Order |
| 7/0.67 7 | 0.7 | 1.8 | 14.5 | 0.8 | 1.8 | 14.5 | 7/0.67 BTAP07AA006 | | 7/0.67 | Code not available |
| 7/0.67 12 | 0.7 | 1.8 | 18.6 | 0.8 | 1.8 | 18.6 | 7/0.67 | BTAP07AA011 | 7/0.67 | Code not available |
| 7/0.67 13 | 0.7 | 1.8 | 18.9 | 0.8 | 1.8 | 18.9 | 7/0.67 BTAP07AA012 | | 7/0.67 | Code not available |
| 7/0.67 19 | 0.7 | 1.8 | 21.5 | 0.8 | 1.8 | 21.5 | 7/0.67 | BTAP07AA018 | 7/0.67 | Code not available |
| 7/0.67 21 | 0.7 | 1.8 | 22.6 | 0.8 | 1.8 | 22.6 | 7/0.67 BTAP07AA020 | | 7/0.67 | Code not available |
| 7/0.67 26 | 0.7 | 1.8 | 25.0 | 0.8 | 1.8 | 25.0 | 7/0.67 BTAP07AA025 | | 7/0.67 | Code not available |
| 7/0.67 27 | 0.7 | 1.8 | 25.6 | 0.8 | 1.8 | 25.6 | 7/0.67 | BTAP07AA026 | 7/0.67 | Code not available |
| 7/0.67 37 | 0.7 | 1.8 | 28.6 | 0.8 | 1.9 | 28.5 | 7/0.67 BTAP07AA036 | | 7/0.67 | Code not available |

Cable include an Earth Conductor



Single Core Ceramifiable Insulated HFS-90-TP Unsheathed cables

450/750V, Stranded Copper Conductors, XLPE Insulated Unsheathed to BS7211. Passes IEC 61034, and IEC 60754

AS 5000.1 is a 0.6/1kV cable with Copper Conductors, Ceramifiable Insulated Unsheathed. Passes IEC 60331, IEC 60332, IEC 61034, and IEC 60754.

Table 90

Description: Single Plain Annealed Stranded Copper Conductor, Ceramifiable insulated, Unsheathed

| Class 2 | | BS7211 450/750V | | AS5000.1 0.6/1kV | | Recommended Australian Equivalents | |
|-----------|----------------------|---------------------------|-------|------------------|-------|------------------------------------|---------------|
| Conductor | Area mm ² | Core Colours : As Ordered | | Insulation | OD mm | Stocked | Made to Order |
| | | Insulation | OD mm | Insulation | OD mm | | |
| 7/0.53 | 1.5 | 0.7 | 3.0 | 1.0 | 3.6 | 7/0.50 | PEQP05AA001 |
| 7/0.67 | 2.5 | 0.8 | 3.7 | 1.0 | 4.1 | 7/0.67 | PEQP07AA001 |
| 7/0.85 | 4 | 0.8 | 4.2 | 1.0 | 4.6 | 7/0.85 | PEQP09AA001 |
| 7/1.04 | 6 | 0.8 | 4.8 | 1.0 | 5.2 | 7/1.04 | PEQP11AA001 |
| 7/1.35 | 10 | 1.0 | 6.0 | 1.0 | 6.0 | 7/1.35 | PEQP13AA001 |
| 7/1.70 | 16 | 1.0 | 7.0 | 1.0 | 7.0 | 7/1.70 | PEQP15AA001 |
| 7/2.14 | 25 | 1.2 | 8.4 | 1.2 | 8.3 | Compact | PEQP17AA001 |
| 7/2.52 | 35 | 1.2 | 9.4 | 1.2 | 9.4 | " | PEQP18AA001 |
| 19/1.78 | 50 | 1.4 | 10.9 | 1.4 | 10.9 | " | PEQP19AA001 |
| 19/2.14 | 70 | 1.4 | 12.5 | 1.4 | 12.5 | " | PEQP20AA001 |
| 19/2.52 | 95 | 1.6 | 14.7 | 1.6 | 14.8 | " | PEQP22AA001 |
| 37/2.03 | 120 | 1.6 | 16.4 | 1.6 | 16.4 | " | PEQP23AA001 |
| 37/2.25 | 150 | 1.8 | 18.2 | 1.8 | 18.2 | " | PEQP24AA001 |
| 37/2.52 | 185 | 2.0 | 20.2 | 2.0 | 20.2 | " | PEQP25AA001 |
| 61/2.25 | 240 | 2.2 | 23.1 | 2.2 | 23.0 | " | PEQP26AA001 |
| 62/2.52 | 300 | 2.4 | 25.7 | 2.4 | 25.6 | " | PEQP27AA001 |
| 61/2.85 | 400 | 2.6 | 29.0 | 2.6 | 28.9 | " | PEQP28AA001 |
| 61/3.20 | 500 | 2.8 | 32.3 | 2.8 | 32.2 | " | PEQP30AA001 |
| 127/2.52 | 630 | 2.8 | 35.6 | 2.8 | 35.6 | " | PEQP32AA001 |

Single core Ceramifiable Insulated HFS-90-TP Sheathed cables

Description: Single Plain Annealed Stranded Copper Conductor, Ceramifiable insulated and HFS-90-TP Sheathe

450/750V, Stranded Copper Conductors, XLPE Insulated and PVC sheathed to BS7211. Passes IEC 60332, IEC 61034, and IEC 60754

AS 5000.1 is a 0.6/1kV cable with Copper Conductors, Ceramifiable Insulated and HFS-90-TP sheathed. Passes IEC 60331, IEC 60332, IEC 61034, IEC 60754, and BS 6387 Cat CWZ tests.

Table 91

| Class 2 Conductor | Area mm ² | BS7211 450/750V | | | AS5000.1 0.6/1kV | | | Recommended Australian Equivalents | |
|----------------------|----------------------|---------------------------|-----|------|------------------|--------|-------|---------------------------------------|---------------|
| | | Core Colours : As Ordered | | | Insulation | Sheath | OD mm | Stocked | Made to Order |
| 7/0.53 | 1.5 | 0.7 | 0.8 | 4.7 | 1.0 | 1.4 | 6.5 | 7/0.53 | PEKP05AA001 |
| 7/0.67 | 2.5 | 0.7 | 0.8 | 5.2 | 1.0 | 1.4 | 7.1 | 7/0.67 | PEKP07AA001 |
| 7/0.85 | 4 | 0.7 | 0.9 | 5.9 | 1.0 | 1.4 | 7.6 | 7/0.85 | PEKP09AA001 |
| 7/1.04 | 6 | 0.7 | 0.9 | 6.5 | 1.0 | 1.4 | 8.1 | 7/1.04 | PEKP11AA001 |
| 7/1.35 | 10 | 0.7 | 0.9 | 7.4 | 1.0 | 1.4 | 9.0 | 7/1.35 | PEKP13AA001 |
| 7/1.70 | 16 | 0.7 | 0.9 | 8.3 | 1.0 | 1.4 | 9.9 | 7/1.70 | PEKP15AA001 |
| 7/2.14 | 25 | 0.9 | 1.0 | 9.9 | 1.2 | 1.4 | 11.4 | Compact | PEKP17AA001 |
| 7/2.52 | 35 | 0.9 | 1.1 | 11.1 | 1.2 | 1.4 | 12.4 | " | PEKP18AA001 |

0.6/1kV, Copper Conductors, XLPE Insulated and PVC sheathed to BS7889. Complies with IEC 60228, BS 6360 and BS 7889

AS 5000.1 is a 0.6/1kV cable with Copper Conductors, Ceramifiable Insulated and HFS-90-TP sheathed. Passes IEC 60331, IEC 60332, IEC 61034, IEC 60754, and BS 6387 Cat CWZ tests.

Table 92

Description: Single Plain Annealed Stranded Copper Conductor, Ceramifiable insulated and HFS-90-TP Sheathe

| Class 2 Conductor | Area mm ² | BS7889 0.6/1kV | | | AS5000.1 0.6/1kV | | | Recommended Australian Equivalents | |
|----------------------|----------------------|---------------------------|-----|------|------------------|--------|-------|---------------------------------------|---------------|
| | | Core Colours : As Ordered | | | Insulation | Sheath | OD mm | Stocked | Made to Order |
| 19/1.78 | 50 | 1.0 | 1.4 | 13.1 | 1.0 | 1.4 | 12.9 | Compact Condu | PEKP19AA001 |
| 19/2.14 | 70 | 1.1 | 1.4 | 14.9 | 1.1 | 1.4 | 14.9 | " | PEKP20AA001 |
| 19/2.52 | 95 | 1.1 | 1.5 | 16.8 | 1.1 | 1.5 | 17.2 | " | PEKP22AA001 |
| 37/2.03 | 120 | 1.2 | 1.5 | 18.8 | 1.2 | 1.5 | 19.6 | " | PEKP23AA001 |
| 37/2.25 | 150 | 1.4 | 1.6 | 20.8 | 1.4 | 1.6 | 21.3 | " | PEKP24AA001 |
| 37/2.52 | 185 | 1.6 | 1.6 | 22.8 | 1.6 | 1.6 | 23.5 | " | PEKP25AA001 |
| 61/2.25 | 240 | 1.7 | 1.7 | 25.7 | 1.7 | 1.7 | 26.6 | " | PEKP26AA001 |
| 62/2.52 | 300 | 1.8 | 1.8 | 28.3 | 1.8 | 1.8 | 29.4 | " | PEKP27AA001 |
| 61/2.85 | 400 | 2.0 | 1.9 | 31.8 | 2.0 | 1.9 | 33.3 | " | PEKP28AA001 |
| 61/3.20 | 500 | 2.2 | 2.0 | 35.3 | 2.2 | 2.0 | 37.0 | " | PEKP30AA001 |
| 127/2.52 | 630 | 2.4 | 2.2 | 39.5 | 2.4 | 2.2 | 41.4 | " | PEKP32AA001 |

Two and Three Core Ceramifiable Insulated HFS-90-TP Sheathed cables

450/750V, Stranded Copper Conductors, XLPE Insulated and PVC Sheathed to ?

AS 5000.1 is a 0.6/1kV cable with Copper Conductors, Ceramifiable Insulated and HFS-90-TP sheathed. Passes IEC 60331, IEC 60332, IEC 61034, IEC 60754, and BS 6387 Cat CWZ tests.

Table 93

Description: Two core Circular, Plain Annealed Copper Conductor, Ceramifiable insulated, HFS-90-TP Sheathed

| Class 2 Conductor | Area mm ² | BS7211 450/750V | | | AS5000.1 0.6/1kV | | | Recommended Australian | |
|----------------------|----------------------|----------------------------|--------|-------|----------------------------|--------|-----------|------------------------|---------------|
| | | Insulation | Sheath | OD mm | Insulation | Sheath | OD Sheath | Equivalents | |
| | | Core Colours : Red & Black | | | Core Colours : Red & Black | | | Stocked | Made to Order |
| 7/0.53 | 1.5 | 0.7 | 1.2 | 9.3 | 1.0 | 1.8 | 11.5 | 7/0.50 | PDKP05AA002 |
| 7/0.67 | 2.5 | 0.7 | 1.2 | 10.3 | 1.0 | 1.8 | 12.6 | 7/0.67 | PDKP07AA002 |
| 7/0.85 | 4 | 0.7 | 1.2 | 11.4 | 1.0 | 1.8 | 13.4 | 7/0.85 | PDKP09AA002 |
| 7/1.04 | 6 | 0.7 | 1.2 | 12.6 | 1.0 | 1.8 | 14.3 | 7/1.04 | PDKP11AA002 |
| 7/1.35 | 10 | 0.7 | 1.4 | 15.0 | 1.0 | 1.8 | 15.9 | 7/1.35 | PDKP13AA002 |
| 7/1.70 | 16 | 0.7 | 1.4 | 16.5 | 1.0 | 1.8 | 17.8 | 7/1.70 | PDKP15AA002 |
| 7/2.14 | 25 | 0.9 | 1.4 | 20.4 | 1.2 | 1.8 | 20.6 | Compact | PDKP17AA002 |
| 7/2.52 | 35 | 0.9 | 1.6 | 23.2 | 1.2 | 1.8 | 22.7 | " | PDKP18AA002 |

Cables include an insulated Earth Conductor

Table 94

Description: Three core Circular, Plain Annealed Copper Conductor, Ceramifiable insulated, HFS-90-TP Sheathed

*Note: Stocked Australian Multicore Power cables, include one Insulated Earth core

| Class 2 Conductor | Area mm ² | BS7211 450/750V | | | AS5000.1 0.6/1kV | | | Recommended Australian | |
|----------------------|----------------------|----------------------------------|--------|-------|---------------------------------|--------|-----------|------------------------|---------------|
| | | Insulation | Sheath | OD mm | Insulation | Sheath | OD Sheath | Equivalents | |
| | | Core Colours : Red, Yellow, Blue | | | Core Colours : Red, White, Blue | | | Stocked | Made to Order |
| 7/0.53 | 1.5 | 0.7 | 1.2 | 9.7 | 1.0 | 1.8 | 12.4 | 7/0.50 | PDKP05AA003 |
| 7/0.67 | 2.5 | 0.7 | 1.2 | 10.9 | 1.0 | 1.8 | 13.7 | 7/0.67 | PDKP07AA003 |
| 7/0.85 | 4 | 0.7 | 1.2 | 12.0 | 1.0 | 1.8 | 14.6 | 7/0.85 | PDKP09AA003 |
| 7/1.04 | 6 | 0.7 | 1.2 | 13.7 | 1.0 | 1.8 | 15.7 | 7/1.04 | PDKP11AA003 |
| 7/1.35 | 10 | 0.7 | 1.4 | 15.8 | 1.0 | 1.8 | 17.5 | 7/1.35 | PDKP13AA003 |
| 7/1.70 | 16 | 0.7 | 1.4 | 17.9 | 1.0 | 1.8 | 19.6 | 7/1.70 | PDKP15AA003 |
| 7/2.14 | 25 | 0.9 | 1.4 | 21.7 | 1.2 | 1.8 | 22.4 | Compact | PDKP17AA003 |
| 7/2.52 | 35 | 0.9 | 1.6 | 24.5 | 1.2 | 1.8 | 24.8 | " | PDKP18AA003 |

Cables include an insulated Earth Conductor

Four and Five Core Ceramifiable Insulated HFS-90-TP Sheathed cables

450/750V, Stranded Copper Conductors, XLPE Insulated and PVC Sheathed to ?

AS 5000.1 is a 0.6/1kV cable with Copper Conductors, Ceramifiable Insulated and HFS-90-TP sheathed. Passes IEC 60331, IEC 60332, IEC 61034, IEC 60754, and BS 6387 Cat CWZ tests.

Table 95

Description: Four core Circular, Plain Annealed Copper Conductor, Ceramifiable insulated, HFS-90-TP Sheathed

*Note: Stocked Australian Multicore Power cables, include one Insulated Earth core

| Class 2 Conductor | Area mm ² | BS7211 | | | AS5000.1 0.6/1kV | | | Recommended Australian | |
|----------------------|----------------------|---|--------|-------|--|--------|-------|------------------------|---------------|
| | | Core Colours : Red, Yellow, Blue, Black | | | Core Colours : Red, White, Blue, Black | | | Equivalents | |
| | | Insulation | Sheath | OD mm | Insulation | Sheath | OD mm | Stocked | Made to Order |
| 7/0.53 | 1.5 | 0.7 | 1.2 | 9.7 | 1.0 | 1.8 | 13.4 | 7/0.50 | PDKP05AA004 |
| 7/0.67 | 2.5 | 0.7 | 1.2 | 11.0 | 1.0 | 1.8 | 14.8 | 7/0.67 | PDKP07AA004 |
| 7/0.85 | 4 | 0.7 | 1.2 | 12.7 | 1.0 | 1.8 | 16.0 | 7/0.85 | PDKP09AA004 |
| 7/1.04 | 6 | 0.7 | 1.4 | 14.1 | 1.0 | 1.8 | 17.2 | 7/1.04 | PDKP11AA004 |
| 7/1.35 | 10 | 0.7 | 1.4 | 16.0 | 1.0 | 1.8 | 19.2 | 7/1.35 | PDKP13AA004 |
| 7/1.70 | 16 | 0.7 | 1.4 | 17.9 | 1.0 | 1.8 | 21.6 | 7/1.70 | PDKP15AA004 |
| 7/2.14 | 25 | 0.9 | 1.6 | 22.1 | 1.2 | 1.8 | 24.7 | Compact | PDKP17AA004 |
| 7/2.52 | 35 | 0.9 | 1.6 | 24.8 | 1.2 | 1.9 | 27.6 | " | PDKP18AA004 |

Cables include an insulated Earth Conductor

Table 96

Description: Five core Circular, Plain Annealed Copper Conductor, Ceramifiable insulated, HFS-90-TP Sheathed

| Class 2 Conductor | Area mm ² | BS7211 | | | AS5000.1 0.6/1kV | | | Recommended Australian | |
|----------------------|----------------------|--|--------|-------|---|--------|-------|------------------------|---------------|
| | | Core Colours : Red, Yellow, Blue, Black, Green | | | Core Colours : Red, White, Blue, Black, Green | | | Equivalents | |
| | | Insulation | Sheath | OD mm | Insulation | Sheath | OD mm | Stocked | Made to Order |
| 7/0.53 | 1.5 | 0.7 | 1.2 | 9.7 | 1.0 | 1.8 | 13.4 | 7/0.50 | PDKP05AA004 |
| 7/0.67 | 2.5 | 0.7 | 1.2 | 11.0 | 1.0 | 1.8 | 14.8 | 7/0.67 | PDKP07AA004 |
| 7/0.85 | 4 | 0.7 | 1.4 | 12.7 | 1.0 | 1.8 | 16 | 7/0.85 | PDKP09AA004 |
| 7/1.04 | 6 | 0.7 | 1.4 | 14.1 | 1.0 | 1.8 | 17.2 | 7/1.04 | PDKP11AA004 |
| 7/1.35 | 10 | 0.7 | 1.4 | 16.0 | 1.0 | 1.8 | 19.2 | 7/1.35 | PDKP13AA004 |
| 7/1.70 | 16 | 0.7 | 1.4 | 18.0 | 1.0 | 1.8 | 21.6 | 7/1.70 | PDKP15AA004 |
| 7/2.14 | 25 | 0.9 | 1.6 | 22.4 | 1.2 | 1.8 | 24.7 | Compact | PDKP17AA004 |
| 7/2.52 | 35 | 0.9 | 1.6 | 24.8 | 1.2 | 1.9 | 27.6 | " | PDKP18AA004 |

Cables include an insulated Earth Conductor

Section 1 - Cables to British Standard.

Olex Two, Three and Four Core circular FIRE RATED Screened Control cable

300/500V, Copper Conductors, PVC Insulated and sheathed. Complies with IEC 60228, BS 7629.1

AS 5000.1 is a 0.6/1kV cable with Copper Conductors, Ceramifiable Insulated and HFS-90-TP sheathed. Passes IEC 60331, IEC 60332, IEC 61034, IEC 60754, and BS 6387 Cat CWZ tests.

Table 97

Description: Two Core Circular, Plain Annealed Copper, Ceramifiable insulated, screened and HFS-90-TP sheath

| Class 2 Conductor | Area mm ² | BS7629.1 300/500V | | | AS5000.1 0.6/1 kV | | | Recommended Australian Equivalents | |
|----------------------|----------------------|-------------------|--------|-------|-------------------|--------|-------|---------------------------------------|---------------|
| | | Insulation | Sheath | OD mm | Insulation | Sheath | OD mm | Stocked | Made to Order |
| 7/0.53 | 1.5 | 0.7 | 1.2 | 8.5 | 1.0 | 1.8 | 11.9 | 7/0.53 | |
| 7/0.67 | 2.5 | 0.8 | 1.2 | 9.5 | 1.0 | 1.8 | 13.0 | 7/0.67 | |
| 7/0.85 | 4 | 0.8 | 1.2 | 10.6 | 1.0 | 1.8 | 14.0 | 7/0.85 | |

Cables include an insulated Earth Conductor

Table 98

Description: Three Core Circular, Plain Annealed Copper, Ceramifiable insulated, screened and HFS-90-TP sheath

| Class 2 Conductor | Area mm ² | BS7629.1 300/500V | | | AS5000.1 0.6/1 kV | | | Recommended Australian Equivalents | |
|----------------------|----------------------|-------------------|--------|-------|-------------------|--------|-------|---------------------------------------|---------------|
| | | Insulation | Sheath | OD mm | Insulation | Sheath | OD mm | Stocked | Made to Order |
| 7/0.53 | 1.5 | 0.7 | 1.2 | 8.9 | 1.0 | 1.8 | 12.5 | 7/0.53 | |
| 7/0.67 | 2.5 | 0.8 | 1.2 | 10.0 | 1.0 | 1.8 | 13.6 | 7/0.67 | |
| 7/0.85 | 4 | 0.8 | 1.2 | 11.2 | 1.0 | 1.8 | 14.7 | 7/0.85 | |

Cables include an insulated Earth Conductor

Table 99

Description: Four Core Circular, Plain Annealed Copper, Ceramifiable insulated, screened and HFS-90-TP sheath

| Class 2 Conductor | Area mm ² | BS7629.1 300/500V | | | AS5000.1 0.6/1 kV | | | Recommended Australian Equivalents | |
|----------------------|----------------------|-------------------|--------|-------|-------------------|--------|-------|---------------------------------------|---------------|
| | | Insulation | Sheath | OD mm | Insulation | Sheath | OD mm | Stocked | Made to Order |
| 7/0.53 | 1.5 | 0.7 | 1.2 | 9.7 | 1.0 | 1.8 | 13.4 | 7/0.53 | |
| 7/0.67 | 2.5 | 0.8 | 1.2 | 10.9 | 1.0 | 1.8 | 14.7 | 7/0.67 | |
| 7/0.85 | 4 | 0.8 | 1.4 | 12.6 | 1.0 | 1.8 | 15.9 | 7/0.85 | |

Cables include an insulated Earth Conductor

Section 1 - Cables to British Standard.

Seven, Twelve and Nineteen Core circular FIRE RATED Screened Control cable

300/500V, Copper Conductors, PVC Insulated and sheathed. Complies with IEC 60228, BS 7629.1
 AS 5000.1 is a 0.6/1kV cable with Copper Conductors, Ceramifiable Insulated and HFS-90-TP sheathed. Passes IEC 60331, IEC 60332, IEC 61034, IEC 60754, and BS 6387 Cat CWZ tests.

Table 100

Description: Seven Core Circular, Plain Annealed Copper, Ceramifiable insulated, screened and HFS-90-TP sheath

| Class 2 Conductor | Area mm ² | BS7629.1 300/500V | | | AS5000.1 0.6/1 kV | | | Recommended Australian Equivalents | |
|----------------------|----------------------|-------------------|--------|-------|-------------------|--------|-------|---------------------------------------|---------------|
| | | Insulation | Sheath | OD mm | Insulation | Sheath | OD mm | Stocked | Made to Order |
| 7/0.53 | 1.5 | 0.7 | 1.8 | 13.0 | 1.0 | 1.8 | 15.8 | 7/0.53 | |
| 7/0.67 | 2.5 | 0.8 | 1.8 | 14.5 | 1.0 | 1.8 | 17.4 | 7/0.67 | |

Cables include an insulated Earth Conductor

Table 101

Description: Twelve Core Circular, Plain Annealed Copper, Ceramifiable insulated, screened and HFS-90-TP sheath

| Class 2 Conductor | Area mm ² | BS7629.1 300/500V | | | AS5000.1 0.6/1 kV | | | Recommended Australian Equivalents | |
|----------------------|----------------------|-------------------|--------|-------|-------------------|--------|-------|---------------------------------------|---------------|
| | | Insulation | Sheath | OD mm | Insulation | Sheath | OD mm | Stocked | Made to Order |
| 7/0.53 | | 0.7 | 1.8 | 16.4 | 1.0 | 1.8 | 19.9 | 7/0.53 | |
| 7/0.67 | 2.5 | 0.8 | 1.8 | 18.6 | 1.0 | 1.8 | 22.1 | 7/0.67 | |

Cables include an insulated Earth Conductor

Table 102

Description: Nineteen Core Circular, Plain Annealed Copper, Ceramifiable insulated, screened and HFS-90-TP sheath

| Class 2 Conductor | Area mm ² | BS7629.1 300/500V | | | AS5000.1 0.6/1 kV | | | Recommended Australian Equivalents | |
|----------------------|----------------------|-------------------|--------|-------|-------------------|--------|-------|---------------------------------------|---------------|
| | | Insulation | Sheath | OD mm | Insulation | Sheath | OD mm | Stocked | Made to Order |
| 7/0.53 | 1.5 | 0.7 | 1.8 | 18.9 | 1.0 | 1.8 | 23.0 | 7/0.53 | |
| 7/0.67 | 2.5 | 0.8 | 1.8 | 21.5 | 1.0 | 1.8 | 25.6 | 7/0.67 | |

Cables include an insulated Earth Conductor

Section 1 - Cables to British Standard.



Multipair Ceramafiable Instrumentation Cables

300/500V, Stranded Copper Conductors, Ceramafiable Insulated and HFS-90-TP sheathed to BS5308.1, Passes IEC 60331, IEC 60332, IEC 61034, and IEC 60754.

Table 103

Description: Multipair Circular, 1.5 mm² Stranded Copper Conductor, Ceramafiable insulated, Overall Screened, HFS-90-TP Sheathed

Core Colours: White & Black Pairs numbered

| Conductor No. Pairs | BS5308 | | 300/500 | | Stocked | Made to Order |
|---------------------|------------|--------|------------------------|--------|---------|---------------|
| | Insulation | Sheath | Max Conductor Res 12.1 | | | |
| | | | OD | Sheath | | |
| 7/0.50 | 1 | 0.6 | 0.8 | 7.5 | | To Be Advised |
| 7/0.50 | 2 | 0.6 | 0.9 | 11.5 | | To Be Advised |
| 7/0.50 | 4 | 0.6 | 1.2 | 13.4 | | To Be Advised |
| 7/0.50 | 6 | 0.6 | 1.3 | 16.0 | | To Be Advised |
| 7/0.50 | 8 | 0.6 | 1.3 | 18.0 | | To Be Advised |
| 7/0.50 | 10 | 0.6 | 1.3 | 19.8 | | To Be Advised |
| 7/0.50 | 12 | 0.6 | 1.5 | 21.8 | | To Be Advised |
| 7/0.50 | 16 | 0.6 | 1.5 | 24.6 | | To Be Advised |
| 7/0.50 | 20 | 0.6 | 1.5 | 27.1 | | To Be Advised |
| 7/0.50 | 24 | 0.6 | 1.7 | 29.8 | | To Be Advised |
| 7/0.50 | 36 | 0.6 | 2.0 | 36.3 | | To Be Advised |
| 7/0.50 | 50 | 0.6 | 2.0 | 41.8 | | To Be Advised |

Section 1 - Cables to British Standard.



Two & Three Core circular Armoured PVC cable

- 0.6/1kV, Stranded Copper Conductors, PVC Insulated to BS5467 & BS7889
- 0.6/1kV, Stranded Copper Conductors, PVC Insulated, complies with IEC 60228, BS5467, BS7889
- Complies with New Zealand Standards requirements

Table 110

Description: Two core Circular, Plain Annealed Copper Conductor, PVC insulated, PVC Bedded, SWA, PVC Sheathed

*Note: Stocked Australian Multicore Power cables, include one insulated Earth core
 Made to order cables do not include an earth conductor

| Class 2 Conductor | Area mm ² | BS5467 0.6/1kV | | | AS5000.1 0.6/1kV | | | Recommended Australian | | Recommended New Zealand | | | |
|----------------------|----------------------|----------------------------|--------|-----------|---|--------|-----------|------------------------|---------------|-------------------------|---------|---------------|--------------------|
| | | Core Colours : Red & Black | | | Core Colours : Red & Black, plus Green/Yellow | | | Equivalents | | Equivalents | | | |
| | | Insulation | OD Bed | OD Sheath | Insulation | OD Bed | OD Sheath | Stocked | Made to Order | NZS 5000.1 | Stocked | Made to Order | |
| 7/0.53 | 1.5 | 0.6 | 7.7 | 12.1 | 0.8 | 8.4 | 13.9 | 7/0.50 | | DAMP05AA002 | 7/0.50 | | Code not available |
| 7/0.67 | 2.5 | 0.7 | 9.0 | 13.6 | 0.8 | 9.5 | 14.9 | 7/0.67 | | DAMP07AA002 | 7/0.67 | | Code not available |
| 7/0.85 | 4 | 0.7 | 10.1 | 14.7 | 1.0 | 11.3 | 17.4 | 7/0.85 | | DAMP09AA002 | 7/0.85 | | 8725 |
| 7/1.04 | 6 | 0.7 | 11.3 | 15.9 | 1.0 | 12.6 | 18.7 | 7/1.04 | | DAMP11AA002 | 7/1.04 | | Code not available |
| 7/1.35 | 10 | 0.7 | 13.2 | 18.0 | 1.0 | 14.2 | 20.4 | 7/1.35 | | DAMP13AA002 | 7/1.35 | | Code not available |
| 7/1.70 | 16 | 0.7 | 14.9 | 20.4 | 1.0 | 16.1 | 22.3 | 7/1.70 | | DAMP15AA002 | Compact | | 9926 |
| 7/2.14 | 25 | 0.9 | 18.4 | 24.1 | 1.2 | 19.0 | 25.9 | Compact | DNMC17AA002 | | " | | 3408 |
| 7/2.52 | 35 | 0.9 | 21.1 | 27.7 | 1.2 | 21.1 | 28.0 | " | DNMC18AA002 | | " | | |

Note : All conductors are circular

Table 111

Description: Three core Circular, Plain Annealed Copper Conductor, PVC insulated, PVC Bedded, SWA, PVC Sheathed

*Note: Stocked Australian Multicore Power cables, include one insulated Earth core
 Made to order cables do not include an earth conductor

| Class 2 Conductor | Area mm ² | BS5467 0.6/1kV | | | AS5000.1 0.6/1kV | | | Recommended Australian | | Recommended New Zealand | | | |
|----------------------|----------------------|----------------------------------|--------|-----------|--|--------|-----------|------------------------|---------------|-------------------------|----------|---------------|--------------------|
| | | Core Colours : Red, Yellow, Blue | | | Core Colours : Red, White, Blue, plus Green/Yellow | | | Equivalents | | Equivalents | | | |
| | | Insulation | OD Bed | OD Sheath | Insulation | OD Bed | OD Sheath | Stocked | Made to Order | NZS 5000.1 | Stocked | Made to Order | |
| 7/0.53 | 1.5 | 0.6 | 8.2 | 12.6 | 0.8 | 8.9 | 14.3 | 7/0.50 | FNMP05AA003 | FAMP05AA003 | 7/0.53 | | Code not available |
| 7/0.67 | 2.5 | 0.7 | 9.5 | 14.1 | 0.8 | 10.0 | 16.2 | 7/0.67 | FNMP07AA003 | FAMP07AA003 | 7/0.67 | | 8355 |
| 7/0.85 | 4 | 0.7 | 10.7 | 15.3 | 1.0 | 12.0 | 18.1 | 7/0.85 | FNMP09AA003 | FAMP09AA003 | 7/0.85 | | 8821 |
| 7/1.04 | 6 | 0.7 | 12.0 | 16.6 | 1.0 | 13.3 | 19.5 | 7/1.04 | FNMP11AA003 | FAMP11AA003 | 7/1.04 | | Code not available |
| 7/1.35 | 10 | 0.7 | 14.0 | 19.5 | 1.0 | 15.1 | 21.3 | 7/1.35 | FNMP13AA003 | FAMP13AA003 | 7/1.35 | | 9436 |
| 7/1.70 | 16 | 0.7 | 15.9 | 21.6 | 1.0 | 17.2 | 23.3 | 7/1.70 | FNMP15AA003 | FAMP15AA003 | Compact | | Code not available |
| 7/2.14 | 25 | 0.9 | 20.1 | 26.7 | 1.2 | 20.3 | 27.1 | Compact | FNMC17AA003 | FAMC17AA003 | 7/2.14 | | Code not available |
| 7/2.52 | 35 | 0.9 | 22.6 | 29.4 | 1.2 | 22.5 | 29.4 | " | FNMC18AA003 | FAMC18AA003 | 7/2.52 | | |
| 19/1.78* | 50 | 1.0 | 21.7 | 28.5 | 1.4 | 25.9 | 33.1 | " | FNMC19AA003 | FAMC19AA003 | 19/1.78* | | Code not available |
| 19/2.14* | 70 | 1.1 | 25.2 | 32.2 | 1.4 | 30.1 | 38.3 | " | FNMC20AA003 | FAMC20AA003 | 19/2.14* | | Code not available |
| 19/2.52* | 95 | 1.1 | 28.8 | 37.0 | 1.6 | 35.3 | 43.8 | " | FNMC22AA003 | FAMC22AA003 | 19/2.52* | | Code not available |
| 37/2.03* | 120 | 1.2 | 32.0 | 40.4 | 1.6 | 40.0 | 48.7 | 37/2.03 | FNMP23AA003 | FAMP23AA003 | 37/2.03* | | Code not available |
| 37/2.25* | 150 | 1.4 | 35.9 | 45.5 | 1.8 | 43.7 | 53.8 | 37/2.25 | FNMP24AA003 | FAMP24AA003 | 37/2.25* | | Code not available |
| 37/2.52* | 185 | 1.6 | 40.0 | 49.8 | 2.0 | 48.5 | 59.0 | 37/2.52 | FNMP25AA003 | FAMP25AA003 | 37/2.52* | | Code not available |
| 61/2.25* | 240 | 1.7 | 44.9 | 55.1 | 2.2 | 55.5 | 67.2 | 61/2.25 | FNMP26AA003 | FAMP26AA003 | 61/2.25* | | Code not available |
| 62/2.52* | 300 | 1.8 | 49.8 | 60.2 | 2.4 | 61.5 | 73.6 | 61/2.52 | FNMP27AA003 | FAMP27AA003 | 61/2.52* | | Code not available |
| 61/2.85* | 400 | 2.0 | 55.8 | 66.6 | 2.6 | 70.4 | 84.3 | 61/2.85 | FNMP28AA003 | FAMP28AA003 | 61/2.85* | | Code not available |

* indicates shaped Conductors

Note : All conductors are circular

* indicates shaped Conductors

Section 1 - Cables to British Standard.

Four Core circular Armoured PVC cable

| | |
|--|---|
| | 0.6/1kV, Stranded Copper Conductors, PVC Insulated to BS5467 & BS7889 |
| | 0.6/1kV, Stranded Copper Conductors, PVC Insulated, complies with IEC 60228, BS5467, BS7889 |
| | Complies with New Zealand Standards requirements |

Table 112

Description: Four core Circular, Plain Annealed Copper Conductor, PVC insulated, PVC Bedded, SWA, PVC Sheathed

*Note: Stocked Australian Multicore Power cables, include one insulated Earth core
 Made to order cables do not include an earth conductor

| Class 2 Conductor | Area mm ² | BS5467 0.6/1kV | | | AS5000.1 0.6/1kV | | | Recommended Australian | | Recommended New Zealand | | |
|----------------------|----------------------|----------------|--------|-----------|------------------|--------|-----------|------------------------|---------------|-------------------------|-------------|--------------------|
| | | Insulation | OD Bed | OD Sheath | Insulation | OD Bed | OD Sheath | Stocked | Made to Order | Stocked | Equivalents | Made to Order |
| 7/0.53 | 1.5 | 0.6 | 13.3 | 17.7 | 0.8 | 9.7 | 15.8 | 7/0.50 | HAMP05AA004 | 7/0.53 | | Code not available |
| 7/0.67 | 2.5 | 0.7 | 15.0 | 19.6 | 0.8 | 10.9 | 17.1 | 7/0.67 | HAMP07AA004 | 7/0.67 | | Code not available |
| 7/0.85 | 4 | 0.7 | 16.0 | 20.6 | 1.0 | 13.1 | 19.3 | 7/0.85 | HAMP09AA004 | 7/0.85 | | 6408 |
| 7/1.04 | 6 | 0.7 | 18.7 | 24.2 | 1.0 | 14.7 | 20.8 | 7/1.04 | HAMP11AA004 | 7/1.04 | | 6929 |
| 7/1.35 | 10 | 0.7 | 21.1 | 26.6 | 1.0 | 16.6 | 22.8 | 7/1.35 | HAMP13AA004 | 7/1.35 | | 5949 |
| 7/1.70 | 16 | 0.7 | 23.4 | 29.1 | 1.0 | 18.9 | 25.8 | 7/1.70 | HAMP15AA004 | Compact | 5333 | |
| 7/2.14 | 25 | 0.9 | 28.9 | 35.5 | 1.2 | 22.3 | 29.3 | Compact | HAMC17AA004 | 7/2.14* | 3118 | |
| 7/2.52 | 35 | 0.9 | 31.9 | 38.7 | 1.2 | 25.0 | 32.0 | " | HAMC18AA004 | 7/2.52* | 6706 | |
| 19/1.78* | 50 | 1.0 | 32.0 | 39.0 | 1.4 | 29.1 | 37.4 | " | HAMC19AA004 | 19/1.78* | 4596 | |
| 19/2.14* | 70 | 1.1 | 37.7 | 45.9 | 1.4 | 33.3 | 41.8 | " | HAMC20AA004 | 19/2.14* | 1424 | |
| 19/2.52* | 95 | 1.1 | 41.7 | 50.1 | 1.6 | 39.6 | 48.5 | " | HAMC22AA004 | 19/2.52* | 1132 | |
| 37/2.03* | 120 | 1.2 | 47.1 | 56.7 | 1.6 | 44.9 | 54.9 | 37/2.03 | HAMP23AA004 | 37/2.03* | 3982 | |
| 37/2.25* | 150 | 1.4 | 51.4 | 61.2 | 1.8 | 48.6 | 59.0 | 37/2.25 | HAMP24AA004 | 37/2.25* | | 8027 |
| 37/2.52* | 185 | 1.6 | 56.6 | 66.8 | 2.0 | 54.4 | 66.1 | 37/2.52 | HAMP25AA004 | 37/2.52* | | 1434 |
| 61/2.25* | 240 | 1.7 | 63.0 | 73.4 | 2.2 | 61.8 | 73.8 | 61/2.25 | HAMP26AA004 | 61/2.25* | 1207 | |
| 62/2.52* | 300 | 1.8 | 68.8 | 79.6 | 2.4 | 68.9 | 82.7 | 62/2.52 | HAMP27AA004 | 61/2.52* | | 1477 |
| 61/2.85* | 400 | 2.0 | 78.1 | 90.8 | 2.6 | 78.3 | 92.6 | 61/2.85 | HAMP28AA004 | 61/2.85* | | Code not available |

* indicates shaped Conductors

Note : All conductors are circular

* indicates shaped Conductors

Section 1 - Cables to British Standard.



Single & Two Core Armoured XLPE circular cable

- 0.6/1kV, Stranded Copper Conductors, XLPE Insulated to BS5467 & BS7889
- 0.6/1kV, Stranded Copper Conductors, XLPE Insulated, complies with IEC 60228, BS5467, BS7889
- Complies with New Zealand Standards requirements

Table 120 Description: Single Plain Annealed Stranded Copper Conductor, XLPE Insulated, PVC Bedded, AWA, PVC Sheathed

| Class 2 Conductor | Area mm ² | BS7211 450/750V | | | AS5000.1 0.6/1kV | | | Recommended Australian Equivalents | | Recommended New Zealand Equivalents | |
|----------------------|----------------------|---------------------------|--------|-----------|---------------------------|--------|-----------|---------------------------------------|--------------------|--|--------------------|
| | | Core Colours : As Ordered | | | Core Colours : As Ordered | | | Stocked | Made to Order | Stocked | Made to Order |
| | | Insulation | OD Bed | OD Sheath | Insulation | OD Bed | OD Sheath | | | | |
| 19/1.78 | 50 | 0.9 | 11.5 | 16.0 | 1.0 | 12.1 | 18.7 | Compact | Code not available | Compact | Code not available |
| 19/2.14 | 70 | 0.9 | 13.2 | 18.3 | 1.1 | 14.0 | 20.5 | " | Code not available | " | Code not available |
| 19/2.52 | 95 | 0.9 | 15.0 | 20.1 | 1.1 | 15.8 | 22.4 | " | Code not available | " | Code not available |
| 37/2.03 | 120 | 0.9 | 16.6 | 21.7 | 1.2 | 17.6 | 24.9 | 37/2.03 | Code not available | " | Code not available |
| 37/2.25 | 150 | 0.9 | 18.4 | 24.2 | 1.4 | 19.5 | 26.7 | 37/2.25 | Code not available | " | Code not available |
| 37/2.52 | 185 | 0.9 | 20.2 | 26.0 | 1.6 | 21.6 | 28.8 | 37/2.52 | Code not available | " | Code not available |
| 61/2.25 | 240 | 0.9 | 22.6 | 28.4 | 1.7 | 24.2 | 31.7 | 61/2.25 | Code not available | " | Code not available |
| 62/2.52 | 300 | 0.9 | 24.8 | 30.6 | 1.8 | 26.7 | 34.3 | 62/2.52 | Code not available | " | Code not available |
| 61/2.85 | 400 | 0.9 | 27.9 | 34.6 | 2.0 | 30.2 | 38.8 | 61/2.85 | Code not available | " | Code not available |
| 61/3.20 | 500 | 0.9 | 30.8 | 37.5 | 2.2 | 33.5 | 42.4 | 61/3.20 | Code not available | " | Code not available |
| 127/2.52 | 630 | 0.9 | 34.2 | 40.8 | 2.4 | 37.3 | 46.6 | 127/2.52 | Code not available | " | Code not available |

Table 121 Description: Two core Circular, Plain Annealed Copper Conductor, XLPE insulated, PVC Bedded, SWA, PVC Sheathed

| Class 2 Conductor | Area mm ² | BS5467 450/750V | | | AS5000.1 0.6/1kV | | | Recommended Australian Equivalents | | Recommended New Zealand Equivalents | |
|----------------------|----------------------|----------------------------|--------|-----------|----------------------------|--------|-----------|---------------------------------------|---------------|--|--------------------|
| | | Core Colours : Red & Black | | | Core Colours : Red & Black | | | Stocked | Made to Order | Stocked | Made to Order |
| | | Insulation | OD Bed | OD Sheath | Insulation | OD Bed | OD Sheath | | | | |
| 7/0.53 | 1.5 | 0.6 | 8.0 | 12.1 | 0.7 | 8.1 | 13.6 | 7/0.50 | DEMP05AA002 | 7/0.50 | Code not available |
| 7/0.67 | 2.5 | 0.7 | 9.0 | 13.6 | 0.7 | 9.2 | 14.6 | 7/0.67 | DEMP07AA002 | 7/0.67 | Code not available |
| 7/0.85 | 4 | 0.7 | 10.1 | 14.7 | 0.7 | 10.2 | 16.4 | 7/0.85 | DEMP09AA002 | 7/0.85 | 8725 |
| 7/1.04 | 6 | 0.7 | 11.3 | 15.9 | 0.7 | 11.4 | 17.5 | 7/1.04 | DEMP11AA002 | 7/1.04 | Code not available |
| 7/1.35 | 10 | 0.7 | 13.2 | 18.0 | 0.7 | 13.0 | 19.2 | 7/1.35 | DEMP13AA002 | 7/1.35 | Code not available |
| 7/1.70 | 16 | 0.7 | 14.9 | 20.4 | 0.7 | 14.9 | 21.1 | 7/1.70 | DEMP15AA002 | Compact | 9926 |
| 7/2.14 | 25 | 0.9 | | | 0.9 | 17.8 | 24.7 | Compact | DEMC17AA002 | " | 3408 |

Section 1 - Cables to British Standard.

Three Core Armoured XLPE circular cable

- 0.6/1kV, Stranded Copper Conductors, XLPE Insulated to BS5467 & BS7889
- 0.6/1kV, Stranded Copper Conductors, XLPE Insulated, complies with IEC 60228, BS5467, BS7889
- Complies with New Zealand Standards requirements

Table 122

Description: Three core circular, Plain Annealed Copper Conductor, XLPE insulated, PVC Bedded, SWA, PVC Sheathed

| Class 2 Conductor | Area mm ² | BS5467 450/750V Core Colours : Red, Yellow, Blue | | | AS5000.1 0.6/1kV Core Colours : Red, White, Blue | | | Recommended Australian Equivalents | | Recommended New Zealand Equivalents | | |
|----------------------|----------------------|---|--------|-----------|---|--------|-----------|---------------------------------------|---------------|--|---------|--------------------|
| | | Insulation | OD Bed | OD Sheath | Insulation | OD Bed | OD Sheath | Stocked | Made to Order | NZS 5000.1 | Stocked | Made to Order |
| 7/0.53 | 1.5 | 0.6 | 8.2 | 12.6 | 0.7 | 8.6 | 14.0 | 7/0.50 | FEMP05AA003 | 7/0.53 | | Code not available |
| 7/0.67 | 2.5 | 0.7 | 9.5 | 14.1 | 0.7 | 9.7 | 15.2 | 7/0.67 | FEMP07AA003 | 7/0.67 | | 8355 |
| 7/0.85 | 4 | 0.7 | 10.7 | 15.3 | 0.7 | 10.8 | 17.0 | 7/0.85 | FEMP09AA003 | 7/0.85 | | 8821 |
| 7/1.04 | 6 | 0.7 | 12.0 | 16.6 | 0.7 | 12.0 | 18.2 | 7/1.04 | FEMP11AA003 | 7/1.04 | | Code not available |
| 7/1.35 | 10 | 0.7 | 14.0 | 19.5 | 0.7 | 13.8 | 19.9 | 7/1.35 | FEMP13AA003 | 7/1.35 | | 9436 |
| 7/1.70 | 16 | 0.7 | 15.9 | 21.6 | 0.7 | 15.9 | 22.0 | 7/1.70 | FEMP15AA003 | Compact | | Code not available |
| 7/2.14 | 25 | 0.9 | 20.1 | 26.7 | 0.9 | 19.0 | 25.8 | Compact | FEMC17AA003 | 7/2.14 | | |
| 7/2.52 | 35 | 0.9 | 22.6 | 29.4 | 0.9 | 21.3 | 28.1 | " | FEMC18AA003 | 7/2.52 | | Code not available |
| 19/1.78* | 50 | 1.0 | 21.7 | 28.5 | 1.0 | 24.2 | 31.2 | " | FEMC19AA003 | 19/1.78* | | Code not available |
| 19/2.14* | 70 | 1.1 | 25.2 | 32.2 | 1.1 | 28.2 | 36.8 | " | FEMC20AA003 | 19/2.14* | | Code not available |
| 19/2.52* | 95 | 1.1 | 28.8 | 37.0 | 1.1 | 33.2 | 41.6 | " | FEMC22AA003 | 19/2.52* | | Code not available |
| 37/2.03* | 120 | 1.2 | 32.0 | 40.4 | 1.2 | 38.3 | 46.9 | 37/2.03 | FEMP23AA003 | 37/2.03* | | Code not available |
| 37/2.25* | 150 | 1.4 | 35.9 | 45.5 | 1.4 | 42.0 | 52.0 | 37/2.25 | FEMP24AA003 | 37/2.25* | | Code not available |
| 37/2.52* | 185 | 1.6 | 40.0 | 49.8 | 1.6 | 46.8 | 57.1 | 37/2.52 | FEMP25AA003 | 37/2.52* | | Code not available |
| 61/2.25* | 240 | 1.7 | 44.9 | 55.1 | 1.7 | 53.4 | 64.0 | 61/2.25 | FEMP26AA003 | 61/2.25* | | Code not available |
| 62/2.52* | 300 | 1.8 | 49.8 | 60.2 | 1.8 | 58.9 | 70.8 | 61/2.52 | FEMP27AA003 | 61/2.52* | | Code not available |
| 61/2.85* | 400 | 2.0 | 55.8 | 66.6 | 2.0 | 67.4 | 79.6 | 61/2.85 | FEMP28AA003 | 61/2.85* | | Code not available |

* indicates shaped Conductors

Note: All conductors are circular

* indicates shaped Conductors

Section 1 - Cables to British Standard.

Four Core Armoured XLPE circular cable

| |
|--|
| 0.6/1kV, Stranded Copper Conductors, XLPE Insulated to BS5467 & BS7889 |
| 0.6/1kV, Stranded Copper Conductors, XLPE Insulated, complies with IEC 60228, BS5467, BS7889 |
| Complies with New Zealand Standards requirements |

Table 123

Description: Four core Circular, Plain Annealed Copper Conductor, XLPE insulated, PVC Bedded, SWA, PVC Sheathed

| Class 2 Conductor | Area mm ² | BS5467 0.6/1kV | | | AS5000.1 0.6/1kV | | | Recommended Australian Equivalents | | Recommended New Zealand Equivalents | |
|----------------------|----------------------|---|--------|-----------|--|--------|-----------|---------------------------------------|---------------|--|--------------------|
| | | Core Colours : Red, Yellow, Blue, Black | | | Core Colours : Red, White, Blue, Black | | | Stocked | Made to Order | Stocked | Made to Order |
| | | Insulation | OD Bed | OD Sheath | Insulation | OD Bed | OD Sheath | | | | |
| 7/0.53 | 1.5 | 0.6 | 13.3 | 17.7 | 0.7 | 9.3 | 14.8 | 7/0.50 | HEMP05AA004 | 7/0.53 | Code not available |
| 7/0.67 | 2.5 | 0.7 | 15.0 | 19.6 | 0.7 | 10.6 | 16.7 | 7/0.67 | HEMP07AA004 | 7/0.67 | Code not available |
| 7/0.85 | 4 | 0.7 | 16.0 | 20.6 | 0.7 | 11.9 | 18.0 | 7/0.85 | HEMP09AA004 | 7/0.85 | 6408 |
| 7/1.04 | 6 | 0.7 | 18.7 | 24.2 | 0.7 | 13.2 | 19.4 | 7/1.04 | HEMP11AA004 | 7/1.04 | 6929 |
| 7/1.35 | 10 | 0.7 | 21.1 | 26.6 | 0.7 | 15.2 | 21.3 | 7/1.35 | HEMP13AA004 | 7/1.35 | 5949 |
| 7/1.70 | 16 | 0.7 | 23.4 | 29.1 | 0.7 | 17.5 | 24.3 | 7/1.70 | HEMP15AA004 | Compact | 5333 |
| 7/2.14 | 25 | 0.9 | 28.9 | 35.5 | 0.9 | 21.0 | 27.8 | Compact | HEMC17AA004 | 7/2.14* | 3118 |
| 7/2.52 | 35 | 0.9 | 31.9 | 38.7 | 0.9 | 23.5 | 30.6 | " | HEMC18AA004 | 7/2.52* | 6706 |
| 19/1.78* | 50 | 1.0 | 32.0 | 39.0 | 1.0 | 26.8 | 34.0 | " | HEMC19AA004 | 19/1.78* | 4596 |
| 19/2.14* | 70 | 1.1 | 37.7 | 45.9 | 1.1 | 31.9 | 40.3 | " | HEMC20AA004 | 19/2.14* | 1424 |
| 19/2.52* | 95 | 1.1 | 41.7 | 50.1 | 1.1 | 36.8 | 45.5 | " | HEMC22AA004 | 19/2.52* | 1132 |
| 37/2.03* | 120 | 1.2 | 47.1 | 56.7 | 1.2 | 43.0 | 53.0 | 37/2.03 | HEMP23AA004 | 37/2.03* | 3982 |
| 37/2.25* | 150 | 1.4 | 51.4 | 61.2 | 1.4 | 46.6 | 56.9 | 37/2.25 | HEMP24AA004 | 37/2.25* | 8027 |
| 37/2.52* | 185 | 1.6 | 56.6 | 66.8 | 1.6 | 52.5 | 63.1 | 37/2.52 | HEMP25AA004 | 37/2.52* | 1434 |
| 61/2.25* | 240 | 1.7 | 63.0 | 73.4 | 1.7 | 59.4 | 71.2 | 61/2.25 | HEMP26AA004 | 61/2.25* | 1207 |
| 62/2.52* | 300 | 1.8 | 68.8 | 79.6 | 1.8 | 66.0 | 78.3 | 62/2.52 | HEMP27AA004 | 61/2.52* | 1477 |
| 61/2.85* | 400 | 2.0 | 78.1 | 90.8 | 2.0 | 75.4 | 89.6 | 61/2.85 | HEMP28AA004 | 61/2.85* | Code not available |

* indicates shaped Conductors

Note: All conductors are circular

* indicates shaped Conductors

Section 1 - Cables to British Standard.



Multicore Armoured PVC Auxilliary Cables

- 0.6/1kV, Stranded Copper Conductors, PVC Insulated to BS6346, complying also with IEC 60228, BS 6746
- 0.6/1kV, Stranded Copper Conductors, XLPE Insulated, complies with IEC 60228, AS5000.1
- Complies with New Zealand Standards requirements

Table 130 Description: Multicore Circular, 1.5 mm² Stranded Copper Conductor, PVC insulated, PVC Bedded, SWA, PVC Sheathed
 *Note: In Australian cables, one of the cores is an insulated Earth

Core Colours: White insulation, Black numbering

| Class 2 Conductor | No. Cores | BS6346 | | | AS5000.1 | | | | Recommended Australian Equivalents | | Recommended New Zealand Equivalents | | |
|----------------------|-----------|------------|--------|-----------|------------|--------|--------|-----------|---------------------------------------|---------------|--|---------------|--------------------|
| | | 0.6/1kV | | | 0.6/1kV | | | | Stocked | Made to Order | Stocked | Made to Order | |
| | | Insulation | Sheath | OD Sheath | Insulation | OD Bed | Sheath | OD Sheath | | | | | Max Res 12.1 |
| 7/0.53 | 7 | 0.6 | 1.4 | 15.2 | 0.8 | 11.0 | 1.8 | 17.6 | 7/0.50 | BFCP05AA006 | | 7/0.53 | Code not available |
| 7/0.53 | 12 | 0.6 | 1.5 | 19.4 | 0.8 | 14.3 | 1.8 | 21.1 | 7/0.50 | | BFCP05AA011 | 7/0.53 | Code not available |
| 7/0.53 | 13 | 0.6 | 1.6 | 20.0 | 0.8 | 14.3 | 1.8 | 21.3 | 7/0.50 | BFCP05AA012 | | 7/0.53 | Code not available |
| 7/0.53 | 19 | 0.6 | 1.6 | 22.2 | 0.8 | 16.7 | 1.8 | 24.3 | 7/0.50 | | BFCP05AA018 | 7/0.53 | Code not available |
| 7/0.53 | 21 | 0.6 | 1.6 | 23.1 | 0.8 | 16.7 | 1.8 | 25.3 | 7/0.50 | BFCP05AA020 | | 7/0.53 | Code not available |
| 7/0.53 | 26 | 0.6 | 1.7 | 26.7 | 0.8 | 20.1 | 1.8 | 27.3 | 7/0.50 | BFCP05AA025 | | 7/0.53 | Code not available |
| 7/0.53 | 27 | 0.6 | 1.7 | 26.7 | 0.8 | 20.1 | 1.8 | 27.8 | 7/0.50 | | BFCP05AA026 | 7/0.53 | Code not available |
| 7/0.53 | 37 | 0.6 | 1.8 | 29.2 | 0.8 | 22.5 | 1.9 | 29.4 | 7/0.50 | BFCP05AA036 | | 7/0.53 | Code not available |

Cables include an Earth Conductor

Table 131 Description: Multicore Circular, 2.5 mm² Stranded Copper Conductor, PVC insulated, PVC Bedded, SWA, PVC Sheathed
 *Note: In Australian cables, one of the cores is an insulated Earth

Core Colours: White insulation, Black numbering

| Class 2 Conductor | No. Cores | BS6346 | | | AS5000.1 | | | | Recommended Australian Equivalents | | Recommended New Zealand Equivalents | | |
|----------------------|-----------|------------|--------|-----------|------------|--------|--------|-----------|---------------------------------------|---------------|--|---------------|--------------------|
| | | 0.6/1kV | | | 0.6/1kV | | | | Stocked | Made to Order | Stocked | Made to Order | |
| | | Insulation | Sheath | OD Sheath | Insulation | OD Bed | Sheath | OD Sheath | | | | | Max Res 7. |
| 1/1.78 | 7 | 0.7 | 1.5 | 16.6 | 0.8 | 12.6 | 1.8 | 19.1 | 7/0.67 | BFCP07AA006 | | 7/0.67 | Code not available |
| 1/1.78 | 12 | 0.7 | 1.6 | 21.4 | 0.8 | 16.5 | 1.8 | 23.2 | 7/0.67 | | BFCP07AA011 | 7/0.67 | Code not available |
| 1/1.78 | 13 | 0.7 | 1.6 | 21.4 | 0.8 | 16.5 | 1.8 | 24.2 | 7/0.67 | BFCP07AA012 | | 7/0.67 | Code not available |
| 1/1.78 | 19 | 0.7 | 1.7 | 25.4 | 0.8 | 19.3 | 1.8 | 26.9 | 7/0.67 | | BFCP07AA018 | 7/0.67 | Code not available |
| 1/1.78 | 21 | 0.7 | 1.8 | 29.3 | 0.8 | 23.3 | 1.8 | 28.1 | 7/0.67 | BFCP07AA020 | | 7/0.67 | Code not available |
| 1/1.78 | 26 | 0.7 | 1.8 | 29.3 | 0.8 | 23.3 | 1.9 | 30.6 | 7/0.67 | BFCP07AA025 | | 7/0.67 | Code not available |
| 1/1.78 | 27 | 0.7 | 1.8 | 29.3 | 0.8 | 23.3 | 1.9 | 31.2 | 7/0.67 | | BFCP07AA026 | 7/0.67 | Code not available |
| 1/1.78 | 37 | 0.7 | 1.9 | 32.4 | 0.8 | 26.1 | 2.0 | 33.1 | 7/0.67 | BFCP07AA036 | | 7/0.67 | Code not available |

Cables include an Earth Conductor

Section 1 - Cables to British Standard.



Multicore Armoured XLPE Auxilliary Cables

- 0.6/1kV, Stranded Copper Conductors, XLPE Insulated to BS5467, complying also with IEC 60228 (Class 2), BS 7655
- 0.6/1kV, Stranded Copper Conductors, XLPE Insulated, complies with IEC 60228, AS5000.1
- Complies with New Zealand Standards requirements

Table 140 Description: Multicore Circular, 1.5 mm² Stranded Copper Conductor, XLPE insulated, PVC Bedded, SWA, PVC Sheathed

*Note: In Australian cables, one of the cores is an insulated Earth

| Class 2 Conductor | | Core Colours: White insulation, Black numbering | | | | | | | | Recommended Australian Equivalents | | Recommended New Zealand Equivalents | | | |
|----------------------|----|---|------------|--------|-----------|------------|--------|----------|-----------|---------------------------------------|-------------|--|--------------------|---------|---------------|
| | | BS5467 | | | 0.6/1kV | | | AS5000.1 | | 0.6/1kV | | Stocked | Made to Order | Stocked | Made to Order |
| | | No. Cores | Insulation | Sheath | OD Sheath | Insulation | OD Bed | Sheath | OD Sheath | | | | | | |
| 7/0.53 | 7 | 0.6 | 1.4 | 15.2 | 0.8 | 11.0 | 1.8 | 17.2 | 7/0.50 | BTCP05AA006 | | 7/0.53 | 5408 | | |
| 7/0.53 | 12 | 0.6 | 1.5 | 19.4 | 0.8 | 14.3 | 1.8 | 20.5 | 7/0.50 | | BTCP05AA011 | 7/0.53 | Code not available | | |
| 7/0.53 | 13 | 0.6 | 1.6 | 19.4 | 0.8 | 14.3 | 1.8 | 20.5 | 7/0.50 | BTCP05AA012 | | 7/0.53 | Code not available | | |
| 7/0.53 | 19 | 0.6 | 1.6 | 22.2 | 0.8 | 16.7 | 1.8 | 22.9 | 7/0.50 | | BTCP05AA018 | 7/0.53 | Code not available | | |
| 7/0.53 | 21 | 0.6 | 1.6 | 23.1 | 0.8 | 16.7 | 1.8 | 22.9 | 7/0.50 | BTCP05AA020 | | 7/0.53 | Code not available | | |
| 7/0.53 | 26 | 0.6 | 1.7 | 26.7 | 0.8 | 20.1 | 1.8 | 26.9 | 7/0.50 | BTCP05AA025 | | 7/0.53 | Code not available | | |
| 7/0.53 | 27 | 0.6 | 1.7 | 26.7 | 0.8 | 20.1 | 1.8 | 26.9 | 7/0.50 | | BTCP05AA026 | 7/0.53 | Code not available | | |
| 7/0.53 | 37 | 0.6 | 1.7 | 29.2 | 0.8 | 22.5 | 1.8 | 29.3 | 7/0.50 | BTCP05AA036 | | 7/0.53 | Code not available | | |

Cables include an Earth Conductor

Table 141 Description: Multicore Circular, 2.5 mm² Stranded Copper Conductor, XLPE insulated, PVC Bedded, SWA, PVC Sheathed

*Note: In Australian cables, one of the cores is an Earth

| Class 2 Conductor | | Core Colours: White insulation, Black numbering | | | | | | | | Recommended Australian Equivalents | | Recommended New Zealand Equivalents | | | |
|----------------------|----|---|------------|--------|-----------|------------|--------|----------|-----------|---------------------------------------|-------------|--|--------------------|---------|---------------|
| | | BS5467 | | | 0.6/1kV | | | AS5000.1 | | 0.6/1kV | | Stocked | Made to Order | Stocked | Made to Order |
| | | No. Cores | Insulation | Sheath | OD Sheath | Insulation | OD Bed | Sheath | OD Sheath | | | | | | |
| 1/1.78 | 7 | 0.7 | 1.4 | 17.1 | 0.8 | 12.6 | 1.8 | 18.7 | 7/0.67 | BTCP07AA006 | | 7/0.67 | Code not available | | |
| 1/1.78 | 12 | 0.7 | 1.6 | 22.4 | 0.8 | 16.5 | 1.8 | 22.6 | 7/0.67 | | BTCP07AA011 | 7/0.67 | Code not available | | |
| 1/1.78 | 13 | 0.7 | 1.6 | 22.4 | 0.8 | 16.5 | 1.8 | 22.6 | 7/0.67 | BTCP07AA012 | | 7/0.67 | Code not available | | |
| 1/1.78 | 19 | 0.7 | 1.7 | 26.6 | 0.8 | 19.3 | 1.8 | 26.2 | 7/0.67 | | BTCP07AA018 | 7/0.67 | Code not available | | |
| 1/1.78 | 21 | 0.7 | 1.8 | 29.3 | 0.8 | 23.3 | 1.8 | 30.1 | 7/0.67 | BTCP07AA020 | | 7/0.67 | Code not available | | |
| 1/1.78 | 26 | 0.7 | 1.8 | 30.7 | 0.8 | 23.3 | 1.8 | 30.1 | 7/0.67 | BTCP07AA025 | | 7/0.67 | Code not available | | |
| 1/1.78 | 27 | 0.7 | 1.8 | 30.7 | 0.8 | 23.3 | 1.8 | 30.1 | 7/0.67 | | BTCP07AA026 | 7/0.67 | Code not available | | |
| 1/1.78 | 37 | 0.7 | 1.8 | 33.8 | 0.8 | 26.1 | 1.9 | 33.2 | 7/0.67 | BTCP07AA036 | | 7/0.67 | Code not available | | |

Cables include an Earth Conductor



Single and Two core fire performance cables

0.6/1kV, Stranded Copper Conductors, XLPE Insulated and PVC sheathed to BS6724. Passes IEC 60332, IEC 61034, and IEC 60754

AS 5000.1 is a 0.6/1kV cable with Copper Conductors, Ceramifiable Insulated and HFS-90-TP sheathed. Passes IEC 60331, IEC 60332, IEC 61034, IEC 60754, and BS 6387 Cat CWZ tests.

Table 150

Description: Single Plain Annealed Stranded Copper Conductor, Ceramifiable insulated, AWA, HFS-90-TP Sheathed

| Class 2 | | BS6724 0.6/1kV | | | AS5000.1 0.6/1kV | | | Stocked | Made to Order |
|------------------|----------------------------|----------------------------------|---------------|-------------------|----------------------------------|---------------|-------------------|--------------------|----------------------|
| Conductor | Area mm² | Core Colours : As Ordered | | | Core Colours : As Ordered | | | | |
| | | Insulation | Sheath | O/D Sheath | Insulation | Sheath | O/D Sheath | | |
| 19/1.78 | 50 | 1.0 | 1.5 | 17.0 | 1.4 | 1.8 | 19.6 | PEWP19AT001 | |
| 19/2.14 | 70 | 1.1 | 1.5 | 19.5 | 1.4 | 1.8 | 21.4 | PEWP20AT001 | |
| 19/2.52 | 95 | 1.1 | 1.6 | 21.6 | 1.6 | 1.8 | 24.1 | PEWP22AT001 | |
| 37/2.03 | 120 | 1.2 | 1.6 | 23.4 | 1.6 | 1.8 | 25.7 | PEWP23AT001 | |
| 37/2.25 | 150 | 1.4 | 1.7 | 26.5 | 1.8 | 1.8 | 27.5 | PEWP24AT001 | |
| 37/2.52 | 185 | 1.6 | 1.8 | 28.9 | 2.0 | 1.8 | 29.5 | PEWP25AT001 | |
| 61/2.25 | 240 | 1.7 | 1.8 | 31.5 | 2.2 | 1.9 | 32.5 | PEWP26AT001 | |
| 61/2.52 | 300 | 1.8 | 1.9 | 34.1 | 2.4 | 2.0 | 36.1 | PEWP27AT001 | |
| 61/2.85 | 400 | 2.0 | 2.0 | 38.6 | 2.6 | 2.2 | 40.2 | PEWP28AT001 | |

Table 151

Description: Two core Circular, Plain Annealed Copper Conductor, Ceramifiable insulated, SWA, HFS-90-TP Sheathed

| Class 2 | | BS6724 0.6/1kV | | | AS5000.1 0.6/1kV | | | Stocked | Made to Order |
|------------------|----------------------------|---------------------------------------|---------------|-------------------|---------------------------------------|---------------|-------------------|--------------------|----------------------|
| Conductor | Area mm² | Core Colours : Red & Black | | | Core Colours : Red & Black | | | | |
| | | Insulation | Sheath | O/D Sheath | Insulation | Sheath | O/D Sheath | | |
| 7/0.53 | 1.5 | 0.6 | 1.3 | 12.0 | 1.0 | 1.8 | 16.3 | PEWP05AA002 | |
| 7/0.67 | 2.5 | 0.7 | 1.4 | 13.7 | 1.0 | 1.8 | 17.4 | PEWP07AA002 | |
| 7/0.85 | 4 | 0.7 | 1.4 | 14.7 | 1.0 | 1.8 | 18.2 | PEWP09AA002 | |
| 7/1.04 | 6 | 0.7 | 1.5 | 15.9 | 1.0 | 1.8 | 19.1 | PEWP11AA002 | |
| 7/1.35 | 10 | 0.7 | 1.5 | 17.7 | 1.0 | 1.8 | 20.7 | PEWP13AA002 | |
| 7/1.70 | 16 | 0.7 | 1.6 | 19.9 | 1.0 | 1.8 | 23.3 | PEWP15AA002 | |
| 7/2.14 | 25 | 0.9 | 1.6 | 20.3 | 1.2 | 1.8 | 26.1 | PEWP17AA002 | |
| 7/2.52 | 35 | 0.9 | 1.7 | 23.1 | 1.2 | 1.9 | 28.4 | PEWP18AA002 | |

Cables include an insulated Earth Conductor

Three and Four core fire performance cables

0.6/1kV, Stranded Copper Conductors, XLPE Insulated and PVC sheathed to BS6724. Passes IEC 60332, IEC 61034, and IEC 60754
 AS 5000.1 is a 0.6/1kV cable with Copper Conductors, Ceramifiable Insulated and HFS-90-TP sheathed. Passes IEC 60331, IEC 60332, IEC 61034, IEC 60754, and BS 6387 Cat CWZ tests.

Table 152

Description: Three core Circular, Plain Annealed Copper Conductor, Ceramifiable insulated, SWA, HFS-90-TP Sheathed

| Class 2 | | BS6724 0.6/1kV | | | AS5000.1 0.6/1kV | | | Stocked | Made to Order |
|-----------|----------------------|----------------------------------|--------|------------|---------------------------------|--------|------------|-------------|---------------|
| Conductor | Area mm ² | Core Colours : Red, Yellow, Blue | | | Core Colours : Red, White, Blue | | | | |
| | | Insulation | Sheath | O/D Sheath | Insulation | Sheath | O/D Sheath | | |
| 7/0.53 | 1.5 | 0.6 | 1.3 | 12.4 | 1.0 | 1.8 | 17.2 | PEWP05AA003 | |
| 7/0.67 | 2.5 | 0.7 | 1.4 | 14.2 | 1.0 | 1.8 | 18.5 | PEWP07AA003 | |
| 7/0.85 | 4 | 0.7 | 1.4 | 15.4 | 1.0 | 1.8 | 19.5 | PEWP09AA003 | |
| 7/1.04 | 6 | 0.7 | 1.5 | 16.6 | 1.0 | 1.8 | 20.5 | PEWP11AA003 | |
| 7/1.35 | 10 | 0.7 | 1.5 | 19.2 | 1.0 | 1.8 | 23.0 | PEWP13AA003 | |
| 7/1.70 | 16 | 0.7 | 1.6 | 21.1 | 1.0 | 1.8 | 25.1 | PEWP15AA003 | |
| 7/2.14 | 25 | 0.9 | 1.7 | 23.9 | 1.2 | 1.9 | 28.1 | PEWP17AA003 | |
| 7/2.52 | 35 | 0.9 | 1.8 | 26.0 | 1.2 | 1.9 | 30.5 | PEWP18AA003 | |

Cables include an insulated Earth Conductor

Table 153

Description: Four core Circular, Plain Annealed Copper Conductor, Ceramifiable insulated, SWA, HFS-90-TP Sheathed

| Class 2 | | BS6724 0.6/1kV | | | AS5000.1 0.6/1kV | | | Stocked | Made to Order |
|-----------|----------------------|---|--------|------------|--|--------|------------|-------------|---------------|
| Conductor | Area mm ² | Core Colours : Red, Yellow, Blue, Black | | | Core Colours : Red, White, Blue, Black | | | | |
| | | Insulation | Sheath | O/D Sheath | Insulation | Sheath | O/D Sheath | | |
| 7/0.53 | 1.5 | 0.6 | 1.3 | 13.2 | 1.0 | 1.8 | 18.2 | PEWP05AA004 | |
| 7/0.67 | 2.5 | 0.7 | 1.4 | 15.1 | 1.0 | 1.8 | 19.7 | PEWP07AA004 | |
| 7/0.85 | 4 | 0.7 | 1.4 | 16.4 | 1.0 | 1.8 | 20.8 | PEWP09AA004 | |
| 7/1.04 | 6 | 0.7 | 1.5 | 18.7 | 1.0 | 1.8 | 22.7 | PEWP11AA004 | |
| 7/1.35 | 10 | 0.7 | 1.5 | 20.6 | 1.0 | 1.8 | 24.8 | PEWP13AA004 | |
| 7/1.70 | 16 | 0.7 | 1.6 | 22.7 | 1.0 | 1.8 | 27.1 | PEWP15AA004 | |
| 7/2.14 | 25 | 0.9 | 1.7 | 26.2 | 1.2 | 1.9 | 30.4 | PEWP17AA004 | |
| 7/2.52 | 35 | 0.9 | 1.8 | 28.6 | 1.2 | 2.1 | 34.8 | PEWP18AA004 | |

Cables include an insulated Earth Conductor

Section 1 - Cables to British Standard.



Multipair Armoured Ceramafiable Instrumentation Cables

300/500V, Stranded Copper Conductors, Ceramafiable Insulated, HFS-90-TP Bedded, Steel wire Armoured, HFS-90-TP sheathed to BS5308.1, Passes IEC 60331, IEC 60332, IEC 61034 and IEC 60754.

Table 154

Description: Multipair Circular, 1.5 mm² Stranded Copper Conductor, Ceramafiable insulated, Overall Screened, HFS-90-TP Bedded, Steel wire Armoured, HFS-90-TP Sheathed

Core Colours: White & Black Pairs numbered

| Conductor | No. Pairs | Max Conductor Res 12.1 | | | Stocked | Made to Order |
|-----------|-----------|------------------------|--------|-----------|---------|---------------|
| | | Insulation | Sheath | OD Sheath | | |
| 7/0.50 | 1 | 0.6 | 1.4 | 12.3 | | To Be Advised |
| 7/0.50 | 2 | 0.6 | 1.4 | 16.4 | | To Be Advised |
| 7/0.50 | 4 | 0.6 | 1.6 | 19.4 | | To Be Advised |
| 7/0.50 | 6 | 0.6 | 1.8 | 23.1 | | To Be Advised |
| 7/0.50 | 8 | 0.6 | 1.8 | 25.1 | | To Be Advised |
| 7/0.50 | 10 | 0.6 | 1.8 | 26.9 | | To Be Advised |
| 7/0.50 | 12 | 0.6 | 1.9 | 29.2 | | To Be Advised |
| 7/0.50 | 16 | 0.6 | 2.0 | 33.0 | | To Be Advised |
| 7/0.50 | 20 | 0.6 | 2.0 | 35.5 | | To Be Advised |
| 7/0.50 | 24 | 0.6 | 2.1 | 38.4 | | To Be Advised |
| 7/0.50 | 36 | 0.6 | 2.4 | 46.3 | | To Be Advised |
| 7/0.50 | 50 | 0.6 | 2.4 | 51.8 | | To Be Advised |