




PVC-EMC Flexible Control Cables



Wire & Cable Specification

| Construction | |
|--------------|--|
| Voltage | 300/500V |
| Conductor | Ultra fine wire stranded soft drawn copper |
| Insulation | Flexible PVC |
| Screen | Tinned copper braid |
| Sheath | PVC |
| Pack Sizes | Cut to length |

Characteristics

| | | |
|---|---|---|
| <p>Flexibility</p>  <p>Min Bending Radius 10 x cable o.d.</p> | <p>Operating Temperature</p>  <p>Flexing -5°C to 80°C Fixed -40°C to 80°C</p> | <p>Electromagnetic Compatibility</p>  <p>Screened range designed for applications with EMC requirements</p> |
|---|---|---|

Application

For use as data and control cable in machinery, computer systems etc as well as a signal cable for electronics. The high level of screening ensures a high degree of interference protection. The screening density assures disturbance free transmission of all signals and impulses.

Item Codes

Codes available on next page.

Head Office Paraitē Road Bell Block New Plymouth New Zealand
Phone 0800 OLEX NZ (653 969) Website www.olex.co.nz

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Item Codes

| Material No. | Old Code | Cores x Area mm ² | Nom Dia mm | Approx Mass kg/m |
|---|----------|------------------------------|------------|------------------|
| Conductor Size 0.5 mm² | | | | |
| CY3G0.5 | 6013 | 2 x 0.5 + E | 7.2 | 0.08 |
| CY4G0.5 | 7128 | 3 x 0.5 + E | 7.8 | 0.09 |
| CY5G0.5 | 5642 | 4 x 0.5 + E | 8.3 | 0.11 |
| Conductor Size 0.75 mm² | | | | |
| CY3G0.75 | 8840 | 2 x 0.75 + E | 7.8 | 0.10 |
| CY4G0.75 | 5677 | 3 x 0.75 + E | 8.3 | 0.11 |
| CY5G0.75 | 7503 | 4 x 0.75 + E | 9.1 | 0.13 |
| CY12G0.75 | 9557 | 11 x 0.75 + E | 12.5 | 0.29 |
| Conductor Size 1.0 mm² | | | | |
| CY4G1 | 6188 | 3 x 1.0 + E | 8.9 | 0.15 |
| CY5G1 | 6771 | 4 x 1.0 + E | 9.5 | 0.17 |
| CY12G1 | 6122 | 11 x 1.0 + E | 13.1 | 0.35 |
| Conductor Size 1.5 mm² | | | | |
| CY3G1.5 | 1678 | 2 x 1.5 + E | 9.0 | 0.15 |
| CY4G1.5 | 2856 | 3 x 1.5 + E | 9.6 | 0.17 |
| CY7G1.5 | 9702 | 6 x 1.5 + E | 12.1 | 0.30 |
| Conductor Size 2.5 mm² | | | | |
| CY3G2.5 | 4157 | 2 x 2.5 + E | 10.7 | 0.22 |
| CY4G2.5 | 5061 | 3 x 2.5 + E | 11.4 | 0.27 |
| CY7G2.5 | 3180 | 6 x 2.5 + E | 15.0 | 0.41 |
| Conductor Size 4 mm² | | | | |
| CY5G4 | 3048 | 4 x 4.0 + E | 14.8 | 0.50 |

Note: Black cores with continuous white numbering according to DIN VDE 0293, plus green/yellow earth. Not suitable for open air applications

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