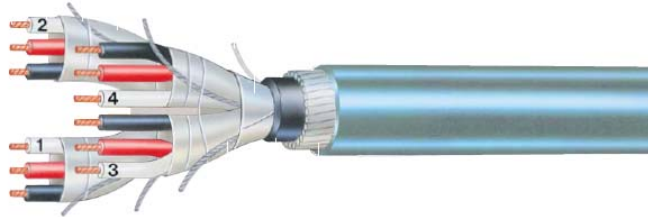


## Blue Sheathed Instrolex® Instrumentation Cable



### Wire & Cable Specification

Construction	
Conductor	Stranded plain annealed copper
Insulation	V-90RP PVC
Shield	Aluminium polyester tape
Drain Wire	Tinned copper
Armour	Steel wire armour (optional)
Sheath	V-90RP PVC

### Characteristics

Conductor Size mm <sup>2</sup>	AWG	Conductor Stranding (no/mm)	Nominal Conductor Diameter (mm)	Nominal Voltage Rating (a.c./d.c.)
0.5	20	7/0.30	0.9	110/150
1.5	16	7/0.50	1.5	110/150

### Application

The low conductor resistance, inductance and capacitance of Instrolex® make it ideal for direct current and alternating current frequencies up to 10kHz, distances of up to 10 kilometres and low-medium speed digital transmission.

The identification colour light blue is specified for the sheathing of cables containing intrinsically safe circuits.

### Item Codes

Codes available on next page.

### Colour Code

Pairs: Black and white. Each pair is numbered.  
Triples: Black, white and red. Each triple is numbered.

**Head Office** Paraitē Road Bell Block New Plymouth New Zealand  
Phone 0800 OLEX NZ (653 969) Website [www.olex.co.nz](http://www.olex.co.nz)

This information has been issued in good faith. The company does not accept liabilities for any misuse or unauthorised use of this document. This information can be changed without further notice. **Issue 13 July 2010 (9.4)**

## Item Codes & Code Comparison Chart

Material No.	Old Code	Area mm <sup>2</sup>	No. Pairs	Nom Dia mm	Gland Size A2 or A2F	Approx Mass kg/m
<b>Overall Screen (CS)</b>						
IEC183AA002BFAA	4632	0.5	2	7.8	20S	0.06
IEC183AA004BFAA	9288	0.5	4	8.4	20S	0.09
IEC183AA024BFAA	8851	0.5	24	18.1	25	0.45
IEC183AA036BFAA	5274	0.5	36	22.0	32	0.66
IEB184AA001BFAA	5385	1.5	1	6.6	20/16	0.06
IEC184AA002BFAA	8677	1.5	2	9.9	20	0.11
IEC184AA006BFAA	9755	1.5	6	13.0	20	0.26
IEC184AA010BFAA	7347	1.5	10	16.3	25	0.41
IGB184AA001BFAA	6100	1.5	1 (Triple)	6.9	20/16	0.08
<b>Overall Screen, Steel Wire Armour (CS SWA)</b>						
IEG183AA002BFAA	3588	0.5	2	11.4	20/16	0.25
IEG183AA012BFAA	7952	0.5	12	17.0	20	0.54
IEF184AA001BFAA	7071	1.5	1	10.2	20/16	0.22
IGF184AA001BFAA	3124	1.5	1 (Triple)	10.6	20/16	0.24
<b>Individual and Overall Screen (ESCS)</b>						
IED183AA002BFAA	3490	0.5	2	8.1	20S	0.07
<b>Individual and Overall Screen, Steel Wire Armour (ESCS SWA)</b>						
IEH183AA002BFAA	8029	0.5	2	11.7	20/16	0.26
IEH183AA012BFAA	9144	0.5	12	19.6	25	0.66
IEH183AA024BFAA	6224	0.5	24	26.2	32	1.18

**Head Office** Paraitē Road Bell Block New Plymouth New Zealand  
 Phone 0800 OLEX NZ (653 969) Website [www.olex.co.nz](http://www.olex.co.nz)

This information has been issued in good faith. The company does not accept liabilities for any misuse or unauthorised use of this document. This information can be changed without further notice. **Issue 13 July 2010 (9.4)**

