

Instrumentation & Data Cable



Instrum BS5308 Part 2 Type 2

High temperature PVC V90HT overall screened with steel wire armouring

Construction:

Class 2 stranding, twisted pairs with heat resistant PVC V90HT insulation, aluminium polyester tape screen with 0.5mm² tinned copper drain wire, PVC V90HT inner sheath, galvanised steel wire armouring, heat & UV resistant, flame retardant, black PVC V90HT sheath.

Also available in an intrinsically blue sheath upon request.

Minimum Bending Radius:

5 x cable diameter

Nominal Voltage:

300/500V

Temperature Range:

Fixed: -20°C to +105°C

Colour Coding:

- Pairs: black and white with consecutive numbering
- Triads: black, white & red with consecutive numbering



Part No.	Number of cores and nominal conductor area mm ²	Approx overall Ø mm	Approx weight kg/km
1271500	1 x 2 x 1.5	13.0	336
1271860	3 x 1.5 (Triad)	14.5	380

Data Cables Li9Y(ST)Y

Commercial Standard Screened Multipair data cable

Construction:

Class 2 tinned copper stranding (7/020), polypropylene insulation, aluminium mylar tape screen with 7/020 tinned copper drain wire, with grey PVC sheath

Cross sectional area:

0.20mm²

Conductor Resistance:

95.8 ohm/km, nominal

Nominal Impedance:

110 ohms @ 1kHz

Capacitance:

Core to screen 75 pF/m @ 1kHz

Core to core 50 pF/m @ 1kHz



Part No.	Length	No. of pairs	Approx overall Ø mm	Approx weight kg/km
3802781.100M	100M	1	4.2	22
3802782.100M	100M	2	5.4	34
3802784.100M	100M	4	6.6	47
3802785.100M	100M	6	7.6	63
3802786.100M	100M	8	8.5	79
3802788.100M	100M	12	9.9	122
3802789.100M	100M	16	11.1	141
3802790.100M	100M	25	13.4	209

Part No.	Length	No. of pairs	Approx overall Ø mm	Approx weight kg/km
3802781.500M	500M	1	4.2	22
3802782.500M	500M	2	5.4	34
3802784.500M	500M	4	6.6	47
3802785.500M	500M	6	7.6	63
3802786.500M	500M	8	8.5	79
3802788.500M	500M	12	9.9	122
3802789.500M	500M	16	11.1	141
3802790.500M	500M	25	13.4	209