

Multicore Cable, 0.5mm² TO 2.50mm² LSZH-HFFR Sheath

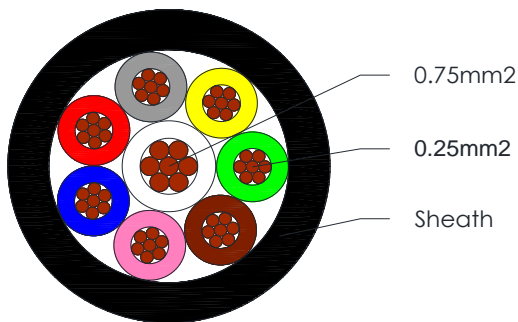


C5658, C5659, C5660, C5661

Applications

The Multi core cable is made out of one conductor of 0.75 mm² and 7 conductors of 0.25mm².

Cross Section Drawing



Design

Unit	Properties
Conductor	N x Bare Copper wire
Insulation	PVC Colour: Grey, Red, Yellow, White, Pink, Blue, Brown, Green
Sheath	Halogen Free Flame-Retardant (LSZH-HFFR) Standard colour: Black
Standard Put Up Length	305 meters

*Other Colors, Put Up Lengths and structures can be manufactured upon request, please contact your local B3 International sales representative.

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Physical Characteristics

Part Number	C5658	C5659	C5660	C5661
Cross section	0.5 mm ²	1.00 mm ²	1.50 mm ²	2.50 mm ²
No of cores	2*0.25mm ²	1*0.75mm ² + 1*0.25mm ²	1*0.75mm ² + 3*0.25mm ²	1*0.75mm ² + 7*0.25mm ²
Nom. Overall Diameter(mm)	3.90	4.50	5.30	6.0
Length of cable Min. (m)	22	38	70	140
Length of cable Max. (m)	80	170	250	400
Operating temperature (°C)	-30 to +90			
Bend Radius	7 x cable outer diameter – Static 12 x cable outer diameter – Dynamic			

Electrical Characteristics at 55°C

Maximum Operating Voltage (V)	Test Voltage (50Hz-1Min) (Vrms)	Test Voltage (50Hz-5Min) (Vrms)	Insulation Resistance to 20°C (MΩ*km)	Capacitance (pF/m)	Inductance (Mh/km)
300/400	4000	1500	200	120	0.75

Reference Standards

(BS) EN 50290-2
IEC 60228
IEC 60332-1
RoHS directives