

# Instrument Signal Cables

## 2 to 3C, Mica Tape, XLPE, Overall Screen, LSZH/HFFR Sheath

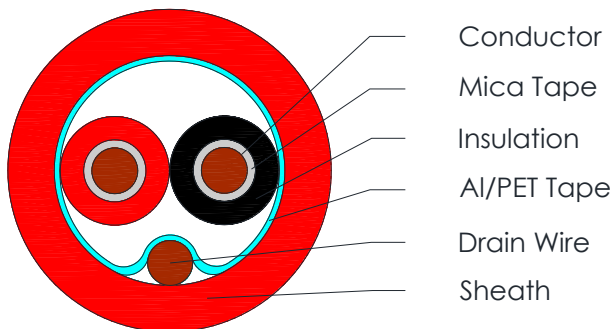


C5721, C5722 C5723

### Applications

Fire Resistant cable for Instrument signal Systems

### Cross Section Drawing



### Design

Unit	Properties
Conductor	Flexible Bare Copper wire
Wrapping Tape	Mica Tape
Insulation	XLPE 2 Cores: Red and Black 3 Cores: Black, Brown and Grey
Screen	Aluminium/Polyester tape
Drain Wire	Solid Tinned Copper wire
Sheath Material	Halogen Free Flame-Retardant (LSZH/HFFR) Standard Colour: Red
Standard Put Up Length	305 and 500 metres

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

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C5721, C5722 C5723

### Physical Characteristics

P/N	Number of Cores	Conductor Construction (sq mm)	Drain wire cross section (sq mm)	Overall Diameter (mm)
C5721	2	1.50 (7*0.53)	0.5	9.3
C5722	3	1.50 (7*0.53)	0.5	9.8
C5723	2	2.50 (7*0.67)	0.5	10.7

### Electrical Characteristics at 20°C

Conductor Size (sqmm)	Conductor Construction	Max. DCR (Ohm/km)	Capacitance (pF/m)	L/R (μ)
1.50	7*0.53	12.3	150	40
2.50	7*0.67	7.41	150	40

### Reference Standards

EN 50290-2-27	IEC 60754-1&-2
IEC 60228	IEC 61034-1&-2
IEC 60332-3-24	RoHS Directives
IEC 60331	