

Instrument Signal Cables

2 to 5PR, IS/OS, LSZH/HFFR Sheath

BS6387 CWZ

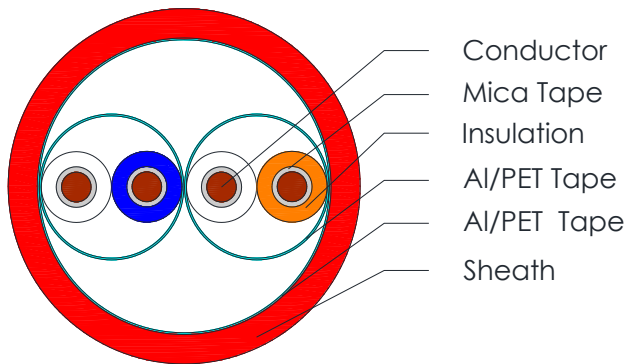


C5546, C5547, C5548

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
Individual Screen	Aluminium/Polyester tape over pairs
Overall Screen	Aluminium/Polyester tape
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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Physical Characteristics

P/N	Number of Pairs	Conductor Construction (sq mm)	Overall Diameter (mm)
C5546	2	1.50 (7*0.53)	13.70
C5547	3	1.50 (7*0.53)	15.20
C5548	5	1.50 (7*0.53)	19.10

Color Scheme

Pair No.	Color	
1	White	Blue
2	White	Orange
3	White	Green
4	White	Brown
5	White	Grey
6	Red	Blue
7	Red	Orange
8	Red	Green
9	Red	Brown
10	Red	Grey

Electrical Characteristics at 20°C

Conductor Size (sqmm)	Conductor Construction	Max. DCR (Ohm/km)	Max. Operating Voltage (Vrms)
1.50	7*0.53	12.3	300/500

Reference Standards

EN 50290-2-27	BS 6387 CWZ
IEC 60228	IEC 60754-1&-2
IEC 60332-1	IEC 61034-1&-2
IEC 60331	RoHS Directives