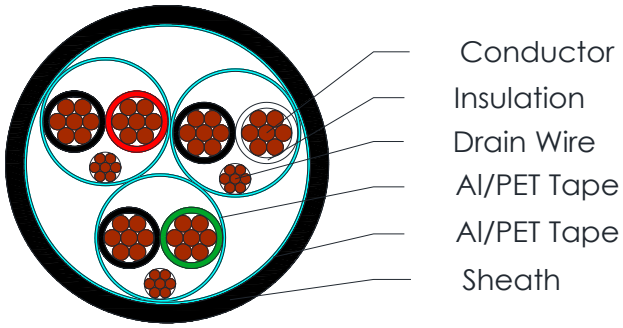
Audio Control & Instrumentation Cable
2pr to 6pr, 16AWG Individually&Overall Screened, LSZH-HFFR sheath

C5620, C5621, C5622

Applications

Multi-pair cable suitable for Audio, Control and Instrumentation

Cross Section Drawing



Design

Unit	Properties
Conductor	Flexible Tinned Copper wires
Insulation	HFFR Pair 1: Black/Red Pair 2: Black/White (Green/White for 2pr) Pair 3: Black/Green Pair 4: Black/Blue Pair 5: Black/Yellow Pair 6: Black/Brown
Pairs	Two wires twisted together
Drain Wire	Tinned Copper wire
Screen	Each pair individually screened with an Aluminium/Polyester foil tape
	Overall screened with an Aluminium/Polyester foil tape
Outer sheath	UV resistance HFFR Standard colour: Black
Standard Put Up Length	305 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

Part Number	C5620	C5621	C5622
Number of pairs	2	4	6
Conductor size (AWG)	16 (19×29)		
Nom. Diameter Conductor (mm)	1.40		
Nom. Radial Thickness Insulation (mm)	0.25		
Drain wire size (AWG)	24(7×32)		
Screen Coverage (%)	115		
Nom. Radial Thickness Sheath (mm)	0.8		
Nom. Overall Diameter (mm)	9.5	11.1	13.4
Operating Temperature (°C)	-25 / +75		
Max. Recommended Pulling Tension (N)	400	500	600
Min. Bend Radius (install)	95	111	134

Electrical Characteristics at 20°C

Part Number	C5620	C5621	C5622
Max. DC Resistance Conductor (Ω/km)	57.4		
Capacitance conductor to conductor (pF/m)	150	155	155
Capacitance cond. To other cond.+screen (pF/m)	285	295	295
Max. Recommended Current at 25°C (Amps)	6.25	5	4.35
Max. Operating Voltage (Vrms)	300		

Reference Standards

(BS) EN 50290-2	IEC 60332-3-24
EN 60228	EN 60811-HD21.14
IEC 60754-1 & 2	RoHS directives
IEC 61034	