

Audio Control & Instrumentation Cable, 2C, 24 to 22AWG, Overall Screen & LSZH-HFFR Sheath

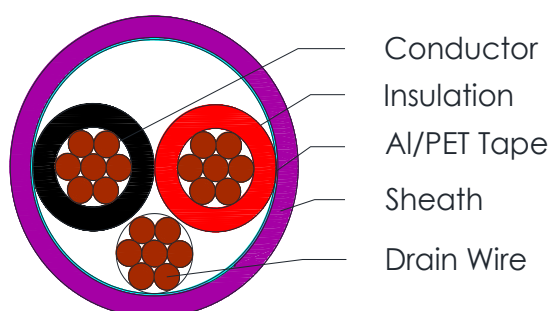


C5276, C5277

Applications

Single pair halogen free screened cable for analog audio.

Cross Section Drawing



Design

Unit	Properties
Conductor	Bare Copper wire
Insulation	Polyethylene Core 1: Black Core 2: Red
Screen	Aluminium/Polyester 100% Coverage
Drain wire	Tinned Copper
Sheath	Halogen Free Fire Retardancy LSZH-HFFR Standard colour: Purple
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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C5276, C5277

Physical Characteristics

Part Number	C5276	C5277
No of cores	2	2
Conductor cross section (mm ²)	0.34	0.22
Conductor gauge (AWG)	22	24
Nom. Diameter Conductor(mm)	7×0.25	7×0.20
Nom. Radial Insulation Diameter (mm)	1.16	1.02
Nom. Diameter Drain wire (mm)	7×0.25	7×0.20
Nom. Overall Diameter(mm)	3.5	3.1
Operating Temperature (°C)	-30 to +70	
Max. Recommended Pulling Tension (N)	120	70
Min. Setting radius (mm)	5×OD	
Min. Bend Radius (install)(mm)	10×OD	

Electrical Characteristics at 20°C

Part Number	C5276	C5277
No of cores	2	2
Nom. DC Resistance Conductor (Ω/km)	46	88.5
Nom. DC Resistance Screen (Ω/km)	46.9	52
Capacitance conductor to conductor (pF/m)	115	92
Capacitance cond. To other cond.+screen (pF/m)	220	180
Nominal Inductance (μH/m)	0.56	0.75

Reference Standards

(BS) EN 50290-2	IEC 60754-1&-2
IEC 60228	IEC 61034
IEC 60332-1	RoHS directives