

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

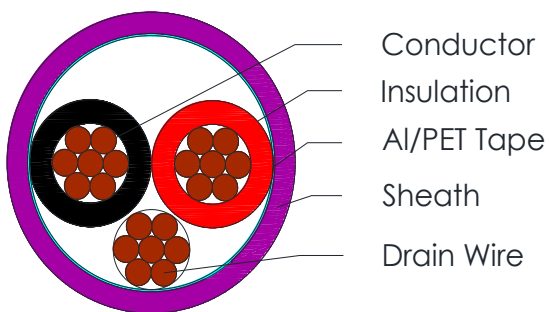


C5287, C5288

## Applications

Signal pair halogen free single cable for digital audio.

## Cross Section Drawing



## Design

Unit	Properties
Conductor	Bare Copper wire
Insulation	Foamed 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.

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



**C5287, C5288**

## Physical Characteristics

Part Number	C5287	C5288
No of cores	2	
Conductor cross section (mm <sup>2</sup> )	0.34	0.22
Conductor gauge (AWG)	22	24
Nom. Diameter Conductor(mm)	7×0.25	7×0.20
Nom. Radial Insulation Diameter (mm)	2.10	1.70
Nom. Diameter Drain wire (mm)	7×0.25	7×0.20
Nom. Overall Diameter(mm)	6.0	5.0
Operating Temperature (°C)	-30 to +70	
Max. Recommended Pulling Tension (N)	70	
Min. Setting radius (mm)	5×OD	
Min. Bend Radius (install)(mm)	10×OD	

## Electrical Characteristics at 20°C

Part Number	C5287	C5288
No of cores	2	
Impedance 0.1 to 6MHz	110 ± 15	
Nom. DC Resistance Conductor (Ω/km)	58	86
Capacitance conductor to conductor at 1KHz (pF/m)	45	36
High Voltage test conductor to conductor (KVdc)	1.0	
High Voltage test conductor to shield (KVdc)	1.0	
Nom. Velocity of propagation (%)	76	

## Reference Standards

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