

Audio Control & Instrumentation Cable, 2 to 12pairs, 26AWG, Overall Screen & LSZH-HFFR Sheath

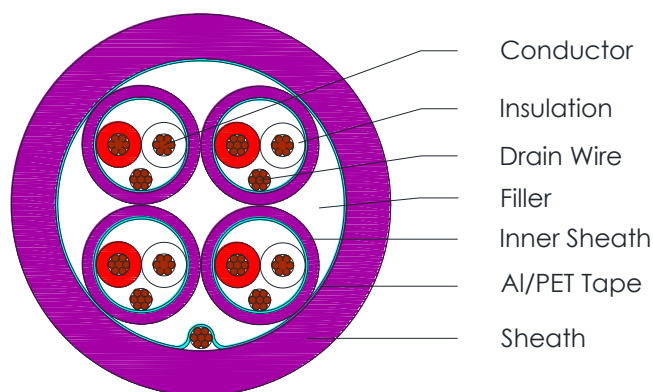


C5278, C5279, C5280, C5281

Applications

Audio snake cable used in professional studios for the transmission of analogue signals.

Cross Section Drawing



Design

Unit	Properties
Conductor	Bare Copper wire
Insulation	Polyethylene Core 1: White Core 2: Red
Drain wire	Tinned Copper
Screen	Aluminium/Polyester 100% Coverage
Inner sheath	Halogen Free Fire Resistancy LSZH-HFFR Elements are numbered for identification
Filler	Yes
Shielding Foil	Al-PET Tape
Drain Wire	Tinned coper wire
Outer Sheath	Halogen Free Fire Resistancy 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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Physical Characteristics

Part Number	C5278	C5279	C5280	C5281
No of pairs	2	4	8	12
Conductor cross section (mm ²)	0.14			
Conductor gauge (AWG)	26			
Nom. Diameter Conductor(mm)	7×0.16			
Nom. Radial Insulation Diameter (mm)	1.0			
Nom. Inner Drain wire Diameter (mm)	7×0.16			
Nom. Inner Sheath Diameter (mm)	2.80			
Nom. Outer Drain wire Diameter (mm)	7×0.16			
Nom. Outer Sheath thickness (mm)	1.1	1.2	1.2	1.3
Nom. Overall Diameter(mm)	8.0	9.3	12.1	14.0
Operating Temperature (°C)	-25 to +70			
Min. Setting radius (mm)	5×OD			
Min. Bend Radius (install)(mm)	10×OD			

Electrical Characteristics at 20°C

Part Number	C5278	C5279	C5280	C5281
No of cores	2	4	8	12
Nom. DC Resistance Conductor (Ω/km)	134			
Capacitance conductor to conductor at 1KHz (pF/m)	90			
High Voltage test conductor to conductor (Vdc)	500			
High Voltage test conductor to shield (Vdc)	500			
Nom. Velocity of propagation (%)	66			

Reference Standards

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