

Audio Control & Instrumentation Cable, 4 to 40pairs, 26AWG, Overall Screen & PVC Sheath

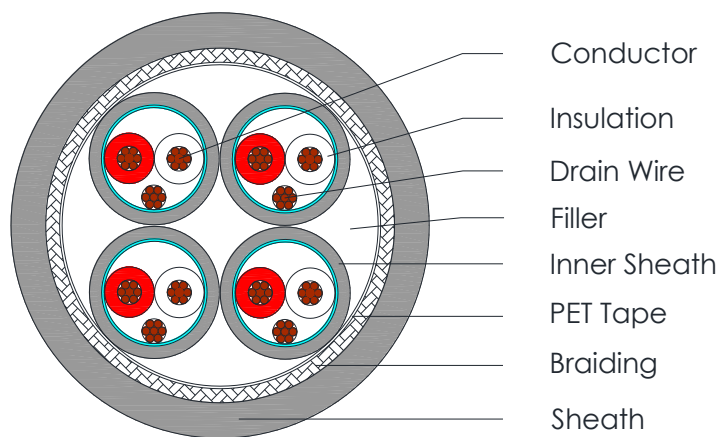


C4375, C4376, C4377, C4378, C4379, C4380

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	PVC Elements are numbered for identification
Filler	Yes
Wrapping Tape	PET Tape
Braiding	Tinned copper wire
Outer Sheath	PVC Standard colour: Grey
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	C4375	C4376	C4377	C4378	C4379	C4380
No of pairs	4	8	12	16	24	40
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. Diameter Drain wire (mm)	7×0.16					
Nom. Inner Sheath Diameter (mm)	2.80					
Min. Coverage (%)	80					
Nom. Sheath thickness (mm)	1.1	1.1	1.2	1.3	1.3	1.3
Nom. Overall Diameter(mm)	9.9	12.5	14.5	16.4	19.5	22.0
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	C4375	C4376	C4377	C4378	C4379	C4380
No of cores	4	8	12	16	24	40
Nom. Impedance (Ω)	90					
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 60332-1
IEC 60228	RoHS directives