

Audio Microphone Cable, 2C, 24&22AWG Shielded & PVC Sheath

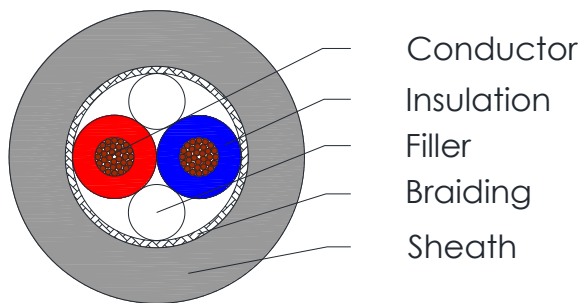


C4381, C14060

Applications

Audio Microphone cable.

Cross Section Drawing



Design

Unit	Properties
Conductor	Bare Copper wire
Insulation	Polyethylene Core 1: Blue Core 2: Red
Filler	Cotton yarn
Braiding screening	Bare copper wire
Sheath	Flexible PVC with matte finish Standard colour: Grey
Standard Put Up Length	250 meters
Apperance of cable	Cable has to be very round without minimal convolutions.

*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	C4381	C14060
No of cores	2	2
Conductor Gauge (AWG)	24	22
Nom. Diameter Conductor(mm)	32×0.10	40×0.10
Nom. Radial Insulation Diameter (mm)	1.45	1.55
Nom. Diameter screen wire (mm)	0.12	
Min. Braiding screen coverage (%)	80	
Nom. Overall Diameter(mm)	5.60	5.80
Operating Temperature (°C)	-5 to +60	
Max. Recommended Pulling Tension (N)	120	135
Min. Bend Radius (install)(mm)	10×OD	

Electrical Characteristics at 20°C

Part Number	C4381	C14060
No of cores	2	
Nom. Impedance (Ω)	100	
Max. DC Resistance Conductor (Ω/km)	78	65
Capacitance conductor to conductor (pF/m)	60	65
Capacitance cond. To other cond.+screen (pF/m)	110	125
Test voltage conductor to conductor (Vdc)	1000	
Test voltage conductor to screen (Vdc)	1000	

Reference Standards

(BS) EN 50290-2	IEC 60228
RoHS directives	