

Microphone Cable, 2&3C, 20AWG Shielded & PVC Sheath

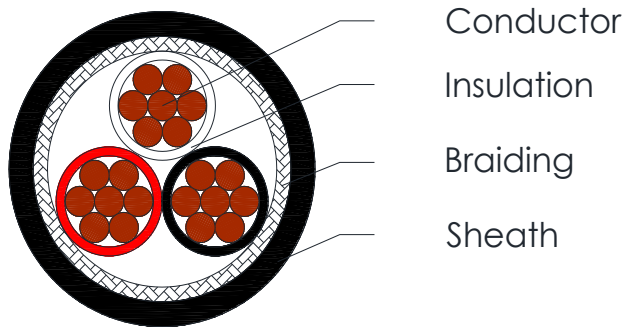


C4828, C4829

Applications

Ruggedized, deployable microphone for studio or live performance; Balanced analog audio

Cross Section Drawing



Design

Unit	Properties
Conductor	Tinned Copper wire, 20AWG flexible
Insulation	Polyethylene White, Black and Red
Cabling	Cores twisted together
Braiding	Tinned Copper Wire
Sheath	Polyvinyl Chloride (PVC) Standard colour: Black
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	C4828	C4829
No of Cores	2	3
Conductor Construction(AWG)	20 (7 x28)	
Nom. Radial Thickness Insulation(mm)	0.60	
Nom. Insulation Diameter (mm)	2.1	
Nom. Braiding Coverage (%)	83	
Nom. Radial Thickness Sheath(mm)	0.5	
Nom. Overall Diameter(mm)	5.5	6.0
Operating Temperature (°C)	-25 to +75	
Max. Recommended Pulling Tension (N)	260	390
Min. Bend Radius (install)(mm)	55	60
Nominal Cable Weight (kg/km)	54.9	82.3

Electrical Characteristics at 20°C

Part Number	C4828	C4829
No of Cores	2	3
Nom. Characteristic Impedance (Ω)	52	
Max. DC Resistance Conductor (Ω /km)	35.75	
Max. DC Resistance Screen (Ω /km)	16.2	10.8
Capacitance conductor to conductor (pF/m)	98	
Capacitance cond. To other cond.+screen (pF/m)	180	
Nominal Inductance (μ H/m)	0.5	
Max. Recommended Current at 25°C (Amps)	4	
Max. Operating Voltage (Vrms)	600	

Reference Standards

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