

Low Impedance Cable, 2C, 20AWG, Shielded & PVC Plenum Rated Sheath

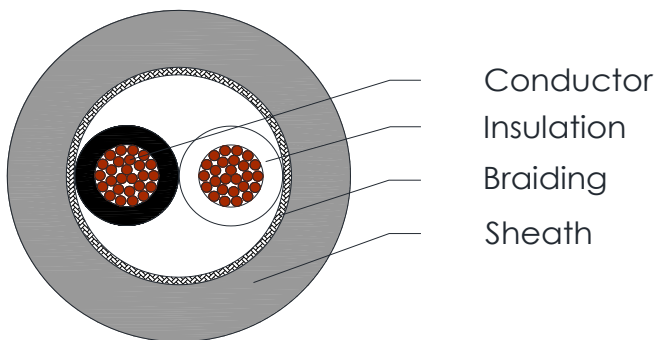


C8811

Applications

Low-Impedance Cable

Cross Section Drawing



Design

Unit	Properties
Conductor	Flexible Tinned Copper wire
Insulation	PVC Core 1: Black Core 2: White
Braiding	Tinned Copper
Sheath	Plenum Grade Flame-Retardant Polyvinyl Chloride (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	C8811
No of cores	2
Conductor configuration (AWG)	20AWG (26X34)
Nom. Diameter Conductor(mm)	0.94
Nom. Radial Thickness Insulation(mm)	0.65
Braiding Coverage (%)	85
Nom. Overall Diameter(mm)	6.5
Operating Temperature (°C)	-25 to +75
Max. Recommended Pulling Tension (N)	445
Min. Bend Radius (install)(mm)	65
Nominal Cable Weight (kg/km)	49.8

Electrical Characteristics at 20°C

Part Number	C8811
Nom. Impedance (Ω)	67
Nom. DC Resistance Conductor (Ω /km)	34.8
Nom. DC Resistance Screen (Ω /km)	14.8
Nom. Capacitance conductor to conductor (pF/m)	130
Nom. Capacitance cond. To other cond.+screen (pF/m)	240
Nominal Inductance (μ H/m)	0.59
Max. Recommended Current at 25°C (Amps)	4
Max. Operating Voltage (Vrms)	600

Reference Standards

(BS) EN 50290-2
IEC 60228
NFC 725.154(A), ANSI/NFPA 262
RoHS directives