

# Audio Control & Instrumentation Cable, 2C, 18 AWG, Unscreened, PVC Insulation & Sheath

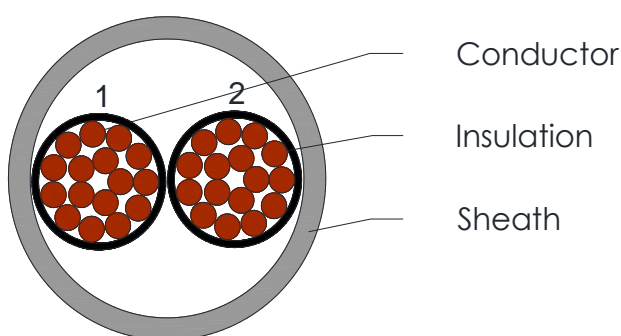


C4846

## Applications

Two cores cable Suitable for Audio, Control and Instrumentation

## Cross Section Drawing



## Design

Unit	Properties
Conductor	Bare Copper wire
Insulation	Polyvinyl Chloride (PVC) Color: Black and Numbered
Sheath Material	Flame Retardant Polyvinyl Chloride (PVC) Standard colour: Grey
Standard Put Up Length	305 or 500 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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**C4846**

## Physical Characteristics

Part Number	C4846
Number of Cores	2
Conductor size	18
Conductor stranding (AWG)	16x30
Nom. Radial Thickness Insulation (mm)	0.56
Nom. Insulation Diameter (mm)	2.30
Nom. Radial Thickness Sheath (mm)	0.90
Nom. Overall Diameter(mm)	6.55
Operating Temperature (°C)	-5 / +90
Max. Recommended Pulling Tension (N)	110
Min. Bend Radius (install) (mm)	65
Nominal Cable Weight (kg/km)	98

## Electrical Characteristics

Part Number	C4846
Impedance ( $\Omega$ )	74
Nom. DC Resistance Conductor ( $\Omega$ /km)	22.0
Capacitance conductor to conductor (pF/m)	102
Nominal Inductance ( $\mu$ H/m)	0.62
Max. Operating Voltage (Vrms)	600

## Reference Standards

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