

IRRIGATION Cable, 2C, 16 to 12AWG, PVC Insulation & PVC Sheath

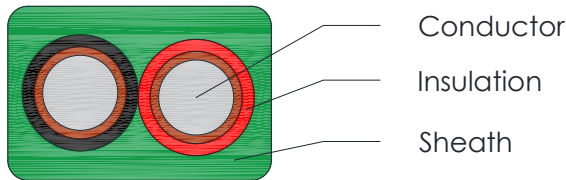


C14187, C14188, C14189

Applications

These cables are designed to connect electronic instrumentation, analog and digital signal circuits. For indoor use.

Cross Section Drawing



Design

Unit	Properties
Conductor	Solid Copper Clad Aluminum (CCA)
Insulation	Polyvinyl Chloride (PVC) Core 1: Black Core 2: Red
Sheath	UV resistant & Anti Termite, Flame-Retardant Polyvinyl Chloride (PVC) Standard colour: Green
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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C14187, C14188, C14189

Physical Characteristics

Part Number	C14187	C14188	C14189
No of cores	2	2	2
Conductor Size (AWG)	16	14	12
Nom. Diameter Conductor(mm)	1.29	1.63	2.04
Nom. Insulation Diameter(mm)	2.3	2.6	3.0
Nom. Overall Diameter(mm)	6.7×11.0	7.2×12.0	7.6×13.0
Operating Temperature (°C)	-20 to +75		
Max. Recommended Pulling Tension (N)	196	209	327
Min. Bend Radius (install)(mm)	67	72	76
Nominal Cable Weight (kg/km)	106	123	144

Electrical Characteristics at 20°C

Part Number	C14187	C14188	C14189
No of cores	2	2	2
Conductor Size (AWG)	16	14	12
Max. DC Resistance Conductor (Ω /km)	20.7	13.15	8.3
Min. Insulation Resistance ($M\Omega \cdot km$)	25		
Test Voltage core to core (V)	2000		
Max. Operating Voltage (Vrms)	600		

Reference Standards

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