C1569

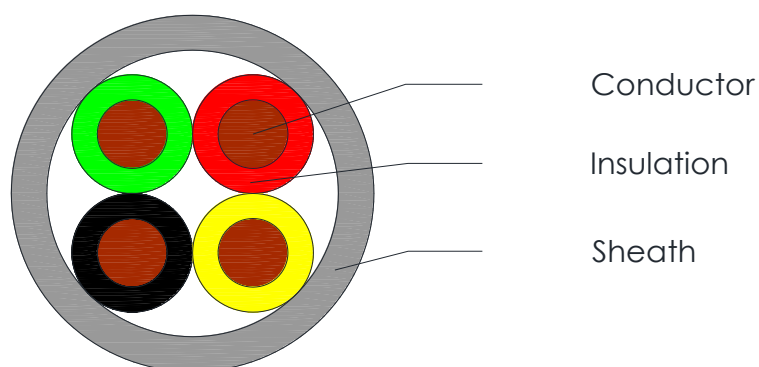### Applications

Un-Screened Multi-Conductor cable suitable for Audio, Control, Instrumentation and Building Management Systems (BMS)

Cross Section Drawing

Conductor

Insulation

Sheath

Design

Unit	Properties
Conductor	Solid Bare Copper wire
Insulation	Polyethylene Core 1: Green Core 2: Red Core 3: Yellow Core 4: Black
Sheath	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.

B3 International
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B3
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C1569

Physical Characteristics

Part Number	C1569
No of cores	4
Conductor Size (AWG)	22
Nom. Radial Thickness Insulation(mm)	0.46
Nom. Radial Thickness Sheath(mm)	0.64
Nom. Overall Diameter(mm)	5.1
Operating Temperature (°C)	-30 to +60
Max. Recommended Pulling Tension (N)	138
Min. Bend Radius (install)(mm)	50.8
Nominal Cable Weight (kg/km)	36.9

Electrical Characteristics at 20°C

Part Number	C1569
No of cores	4
Max. DC Resistance Conductor (Ω/km)	52.5
Capacitance conductor to conductor (pF/m)	53
Nom. Inductance (µH/m)	0.72
Nom. Velocity of Propagation (%)	66
Max. Recommended Current at 25°C (Amps)	2.4
Max. Operating Voltage (Vrms)	300

Reference Standards

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

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