

Audio Control & Instrumentation Cable, 2C, 18AWG, Overall Screen & Riser-CMR/FPLR PVC Sheath

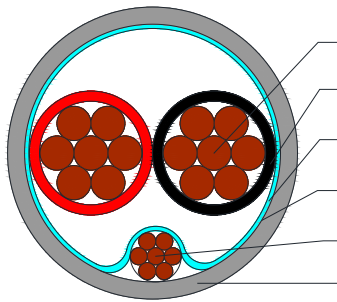


C4014

Applications

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

Cross Section Drawing



- Conductor
- Insulation
- Al/PET Tape
- Rip Cord
- Drain Wire
- Sheath



Design

Unit	Properties
Conductor	Bare Copper wire, 18AWG flexible
Insulation	Polyvinyl Chloride (PVC) Core 1: Black Core 2: White
Drain wire	24 AWG (7 x 32) Tinned Copper
Screen	Aluminium/Polyester 100% Coverage
Rip cord	Nylon yarn
Sheath	Riser-CMR/FPLR Rated 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.

**Audio Control & Instrumentation Cable,
2C, 18AWG, Overall Screen & Riser-CMR/FPLR
PVC Sheath**



C4014

Physical Characteristics

Part Number	C4014
No of cores x 18AWG (7 x 26)	2
Nom. Diameter Conductor(mm)	1.2
Nom. Radial Thickness Insulation(mm)	0.38
Nom. Radial Thickness Sheath(mm)	0.50
Nom. Overall Diameter(mm)	4.9
Operating Temperature (°C)	-20 to +75
Max. Recommended Pulling Tension (N)	200
Min. Bend Radius (install)(mm)	50
Nominal Cable Weight (kg/km)	31.2

Electrical Characteristics at 20°C

Part Number	C4014
No of cores x 18AWG (7 x 26)	2
Max. DC Resistance Conductor (Ω /km)	22.7
Capacitance conductor to conductor (pF/m)	177
Max. Operating Voltage (Vrms)	300

Reference Standards

(BS) EN 50290-2	NEC Articles 760&800
IEC 60228	UL1666 Riser
UL 444&1424	RoHS directives