

Audio Control & Instrumentation Cable, 5PR 22AWG, Screened & Armoured PE Sheath

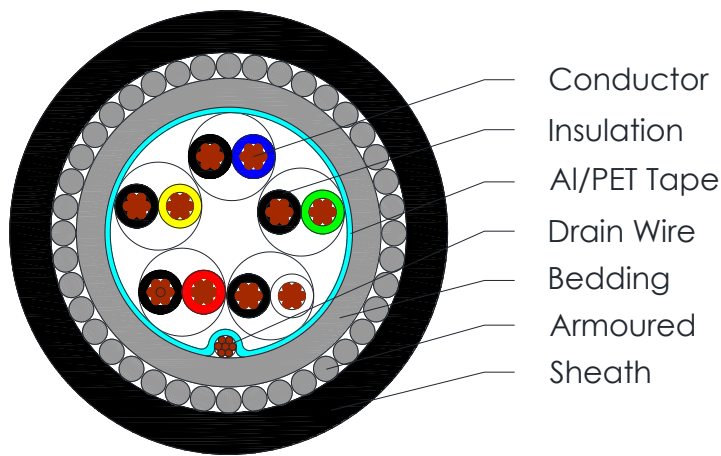


C5959 5PR×22AWG

Applications

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

Cross Section Drawing



- Conductor
- Insulation
- Al/PET Tape
- Drain Wire
- Bedding
- Armoured
- Sheath

Design

Unit	Properties
Conductor	Bare Copper wire
Insulation	Polyethylene Pair 1: Black/Red Pair 2: Black/White Pair 3: Black/Green Pair 4: Black/Blue Pair 5: Black/Yellow
Pair	Two wires twisted together
Drain wire	24 AWG (7 x 32) Tinned Copper
Screen	Aluminium/Polyester 100% Coverage
Bedding	LDPE Color: Grey
Armoured	Galvanized steel wire
Sheath Material	UV Resistant LDPE Standard Color: 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	C5959
No of Pairs	5
Conductor Construction (AWG)	22(7 x 30)
Nom. Radial Thickness Insulation(mm)	0.2
Steel Wire Diameter(mm)	0.90
Nom. Overall Diameter(mm)	10.6
Operating Temperature (°C)	-25 to +75
Min. Bend Radius (install)(mm)	190

Electrical Characteristics at 20°C

Part Number	C5959
No of Pairs	5
Conductor Construction (AWG)	22(7 x 30)
Max. DC Resistance Conductor (Ω /km)	57.4
Max. DC Resistance Screen (Ω /km)	78.5
Capacitance conductor to conductor (pF/m)	70
Capacitance cond. To Rest (pF/m)	140
Max. Operating Voltage (Vrms)	300

Reference Standards

(BS) EN 50290-2	IEC 60228
RoHS directives	