

Outdoor Telephone Cable

CW I 128/ I 179, 24AWG, PE Sheath

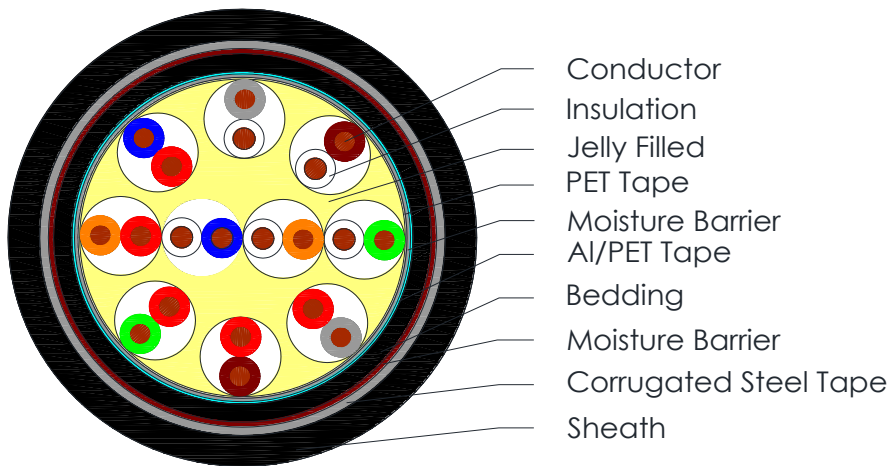


C1970

Applications

Outdoor Telephone cable used in the local distribution network.

Cross Section Drawing



Design

Unit	Properties
Conductor	Solid Bare Copper wire
Insulation	Polyolefin
Twinning	Pair construction
Filler in Cable Core	Petroleum Jelly
Wrapping	Polyester tape
Moisture Barrier	Water blocking swellable tape
Screen	Aluminum tape
Bedding	Black PE
Moisture Barrier	Water blocking swellable tape
Armour	Steel-plastic corrugated tape
Sheath Material	UV Resistant Low Density Polyethylene (LDPE) Standard colour: Black
Put up Length	305m

*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	C1970
No of pairs	10
Conductor Size(AWG)	24
Nom. Radial Bedding Thickness (mm)	1.2
Nom. Radial Sheath Thickness (mm)	1.8
Nom. Overall Diameter (mm)	16.2
Operating Temperature range(°C)	-15/+70
Min. Bend Radius (install) (mm)	290

Electrical Characteristics at 20°C

Maximum Conductor Resistance (Ω/km)	Nominal Mutual Capacitance (pF/m)	Nominal Capacitance Unbalance pair to pair at 800Hz (pF/100m)	Max. Unbalance of conductor resistance (%)
95	64	250	5.0

Pair Colour Code

Pair No.	Clour	Pair No.	Clour
1	WHITE + BLUE	6	RED + BLUE
2	WHITE + ORANGE	7	RED + ORANGE
3	WHITE + GREEN	8	RED + GREEN
4	WHITE + BROWN	9	RED + BROWN
5	WHITE + GREY	10	RED + GREY

Reference Standards

EN 50290-2
CW1128
RoHS directives