

# D10-Field Telephone Cable

## Def stan 61-12 P12 Sec 3

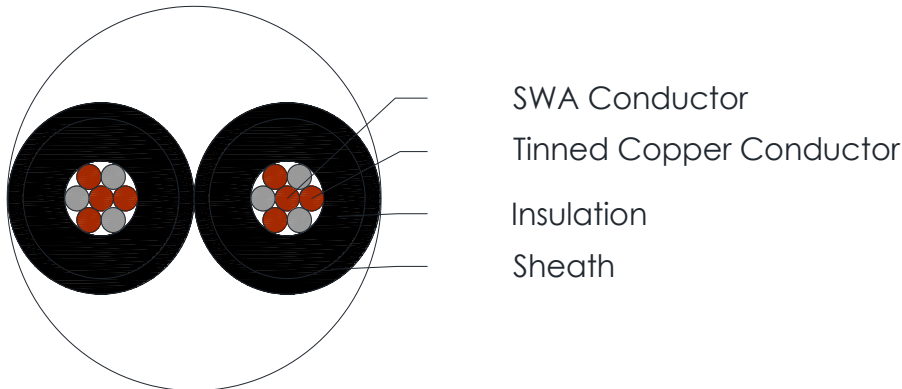


C1240

### Applications

Lightweight, field deployable telecoms cable.

### Cross Section Drawing



### Design

Unit	Properties
Conductor	7 strands consisting of 3 twisted galvanized steel wires and 4 tinned copper wires The seven wires shall be uniformly stranded with the centre wire being copper, with the outer wires alternately copper and steel.
Insulation	Polyethylene Color: Black
Sheath	Abrasion resistant Polyamide (Nylon) Colour: Black
Shape	Two insulated and sheathed cores twisted together
Standard Put Up Length	500 metres

\*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

No Cores	Diameter Single Galvanised Steel wire (mm)	Diameter Single Tinned Copper wire (mm)	Nominal Diameter Insulation (mm)	Max. Diameter Sheath (mm)	Max. Overall Dimensions (mm)
2	0.28	0.28	1.80	2.15	2.15 x 4.30

### Electrical Characteristics at 20°C

Max. Conductor Resistance (Ohm/km)	Min. Insulation Resistance (Mohm/km)	Dielectric Strength (Vrms)	Voltage rating at 2000 Hz (V)	Attenuation	
				at 400 Hz (Db/km)	3300 Hz (Db/km)
151	3500	3000	600	1.2	2.3

### Pair Colour Code

Operating Temperature Range (°C)	Storage Temperature Range (°C)	Min. Breaking load per leg (N)	Weight (kg/km)
-40 to +70	-55 to +80	390	13

### Reference Standards

UK: DEF STAN 61-12, Part 12, section 3, type D10
USA: MIL – C- 13294C
EN 50290-2
RoHS Directives