

3pair D10-Field Telephone Cable

Def stan 61-12 P12 Sec 3

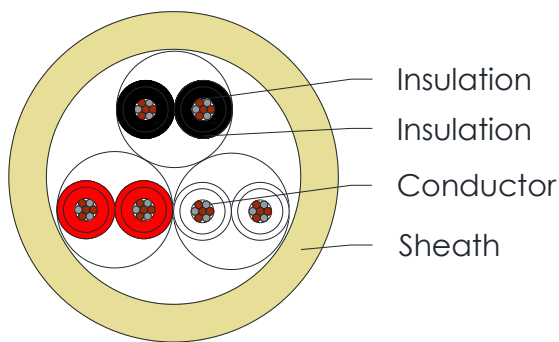


C1995

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
	Abrasion resistant Polyamide (Nylon)
Pair	Two insulated cores twisted together as a pair
Insulation Color	Pair 1: Black Pair 2: Red Pair 3: White
Sheath	Polyethylene Color: Sand (RAL 1002)
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.

3pair D10-Field Telephone Cable

Def stan 61-12 P12 Sec 3



C1995

Physical Characteristics

No. of Pairs	Diameter Single Galvanised Steel wire (mm)	Diameter Single Tinned Copper wire (mm)	Nominal Diameter Insulation 1 (mm)	Max. Diameter Insulation 2 (mm)	Max. Overall Dimensions (mm)
3	0.28	0.28	1.80	2.15	11.70

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	1190	76.5

Reference Standards

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