

Description: Twisted pair telephone cable made to the BT specification CW1128. This cable features a gel filled centre, water blocking tape, PE sheath.



Construction

Conductor Material : Solid Bare Copper, 0.5mm
 Pair Insulation Material : Polyethylene (PE)
 Number of Pairs : See table
 Filling : Petroleum Jelly
 Tape : Water Blocking Paper
 Outer Sheath Material : Polyethylene (PE)
 Outer Sheath Colour : Black
 Core Identification : CW 1128 (see attached)

Electrical Characteristics

Voltage Rating : < 100 V
 Nominal Conductor Resistance @20°C : < 91 Ω/km
 Insulation Resistance @ 20°C : > 1500 MΩ/KM
 Mutual Capacitance : < 56 nF/km
 Capacitance Unbalanced 2Pair (Quad) : 800 pF/m
 5Pair & Above : 275 pF/m

Physical Characteristics

Overall Diameter : See table
 Temperature Rating : 0°C to +70°C
 Min. Bend Radius : 8 x OD
 Weight : See table

Standards

RoHS3 Compliant : Yes
 CPR Classification : Fca (EN50575:2014+A1:2016)

Part No.	No. of Pairs	Weight (kg/km)	Maximum OD (mm)
12800502-F00	2 (Quad)	50	7.5
12800503-F00	3	58	7.9
12800505-F00	5	76	8.0
12800510-F00	10	113	9.5
12800520-F00	20	184	12.0
12800550-F00	50	381	16.5

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CW1128 Colour Code

Pair	A-Wire	B-Wire
1	White	Blue
2	White	Orange
3	White	Green
4	White	Brown
5	White	Grey
6	Red	Blue
7	Red	Orange
8	Red	Green
9	Red	Brown
10	Red	Grey

2pair (Quad) is manufactured with the colour code Orange, Green, White, Black

Colour of Binding Tape

1	Blue	6	White
2	Orange	7	Red
3	Green	8	Black
4	Brown	9	Yellow
5	Grey	10	Violet

Other colour codes also exist, please check at time of enquiry or order if a specific colour code is required.