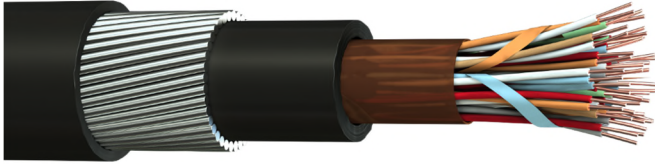


Description: Twisted pair telephone cable made to the BT specification CW1128 / 1198. This cable features a gel filled centre, water blocking tape, PE bedding an armour layer making it suitable for direct burial and a PE sheath.



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
Inner Sheath Material	: Polyethylene (PE)
Inner Sheath Colour	: Black
Armour	: Galvanised Steel Wire Armour (SWA)
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)	OD (mm)
19800501Q-F00	2 (Quad)	187	12.7
19800505-F00	5	218	13.2
19800510-F00	10	285	14.7
19800520-F00	20	378	17.2
19800550-F00	50	896	23.3
198005100-F00	100	1368	29.0

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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.