

# CW 1128 Telephone Cable 0.5mm

## Technical Datasheet

**Description:** Twisted pair telephone cable made to the BT specification CW 1128. This cable features a gel filled centre, water blocking tape and PE outer sheath making it suitable for external applications.



### Construction

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

### Electrical Characteristics

Voltage Rating : < 100 V  
Nominal Conductor Resistance : < 91  $\Omega$ /km  
Insulation Resistance : > 1500 M $\Omega$ /KM  
Mutual Capacitance : < 56 nF/km

### Physical Characteristics

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

### Standards

RoHS2 Compliant : Yes

Part No.	No. of Pairs	Weight (kg/km)	OD (mm)
12800502	2 (Quad)	50	5.9
12800503	3	58	6.6
12800505	5	76	8.0
12800510	10	113	9.5
12800520	20	184	12.0
12800530	30	249	13.0
12800550	50	381	16.5
128005100	100	710	22.0