



# Doncaster Cables

## **CW1128/98** **DIRECT BURIAL TELEPHONE CABLE**



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# Doncaster Cables

## **CW1128/1198 DIRECT BURIAL TELEPHONE CABLE**

Manufactured to BT (British Telecom) Standard CW1128/1198.

Solid Copper Conductor / Cellular Polyethylene Insulated / Petroleum Jelly Filled / Paper Taped / Polyethylene Bedded / Steel Wire Armoured (SWA) / Polyethylene Sheathed.

<b>Conductor :</b>	Solid Copper Conductor
<b>Insulation:</b>	Cellular Polyethylene (CEL-PE)
<b>Filler:</b>	Petroleum Jelly
<b>Separator:</b>	Paper Tape (with rip cord)
<b>Bedding:</b>	Polyethylene (PE)
<b>Armouring:</b>	Galvanised Steel Wire Armour (SWA)
<b>Sheathing:</b>	Polyethylene (PE)

These cables are designed and most commonly used for the interconnection of telecommunication equipment. However, electricians have also found that these cables are useful in other applications such as low level signalling and the where the interconnection of control and communication equipment is required.

These cables are suitable for installation in outdoor conditions where the mechanical protection of an armoured cable is required. The steel wire armouring makes the cables particularly well suited for direct burial as well as the cables being UV and moisture resistant.

MINIMUM  
OPERATING  
TEMPERATURE

0°C

MAXIMUM  
OPERATING  
TEMPERATURE

40°C

MINIMUM  
BENDING  
RADIUS

10 x Ø



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## CW1128/1198

### DIRECT BURIAL TELEPHONE CABLE

Reference Number	TC5P0.5CW1128/98	TC10P0.5CW1128/98	TC20P0.5CW1128/98		
Number of Pairs	5	10	20		
Nominal Diameter of Conductor (mm)	0.5	0.5	0.5		
Pair Configuration	1 x 5 Pairs	1 x 10 Pairs	4 x 5 Pairs		
Pair Identification	<b>Pair Identification:</b> 1 Pr: White/Blue    6 Pr: Red/Blue 2 Pr: White/Orange    7 Pr: Red/Orange 3 Pr: White/Green    8 Pr: Red/Green 4 Pr: White/Brown    9 Pr: Red/Brown 5 Pr: White/Grey    10 Pr: Red/Grey			<b>Tape Lapping Identification:</b> 1 Unit: Blue    6 Units: White 2 Units: Orange    7 Units: Red 3 Units: Green    8 Units: Black 4 Units: Brown    9 Units: Yellow 5 Units: Grey    10 Units: Violet	
Max. Conductor Resistance ( $\Omega$ /km)	96	96	96		
Min. Insulation Resistance (M $\Omega$ .km)	1500	1500	1500		
Max. Mutual Capacitance (nF/km)	64	64	64		
Approximate Weight (kg/km)	218	259	358		

Weight and dimensional information is provided as an approximate guide only.