

# CW1128 Telephone Cable

Eland Product Group **A8T****Application**

Cables primarily designed for the interconnection of telephone equipment. In addition these cables may be used for interconnection of other communication and control equipment or low level signalling applications.

**Standards**

CW1128

**Conductor**

Class 1 solid annealed plain copper conductors to BS EN 60228:2005 (previously BS6360)

**Insulation**

CEL-PE (Cellular Polyethylene)

**Filler**

Petroleum Jelly

**Separator**

Clupak paper tape

**Sheath**

PE (Polyethylene)

**Sheath Colour**

Black

**Temperature Rating**

70°C

**Minimum Bending Radius**

10 x overall diameter

**Pair Identification**

Quad: Orange/Green/White/Black

1 Pair: White/Blue

2 Pairs: White/Orange

3 Pairs: White/Green

4 Pairs: White/Brown

5 Pairs: White/Grey

6 Pairs: Red/Blue

7 Pairs: Red/Orange

8 Pairs: Red/Green

9 Pairs: Red/Brown

10 Pairs: Red/Grey

**Tape Lapping Identification**

1 Unit: Blue

2 Units: Orange

3 Units: Green

4 Units: Brown

5 Units: Grey

6 Units: White

7 Units: Red

8 Units: Black

9 Units: Yellow

10 Units: Violet

**Dimensions****CW1128 1/0.5 PJ Filled Unarmoured**

Eland Part Number	No. of Pairs x Nominal Diameter of Conductors # x mm	Pair Configuration	Nominal Overall Diameter mm	Nominal Weight kg/Km
A8TCW11280502	2 x 0.5	1 Quad	6.8	48
A8TCW11280505	5 x 0.5	1 x 5 Pairs	8.3	79
A8TCW11280510	10 x 0.5	1 x 10 Pairs	11.0	141
A8TCW11280520	20 x 0.5	4 x 5 Pairs	12.5	198
A8TCW11280550	50 x 0.5	5 x 10 Pairs	15.5	310
A8TCW112805100	100 x 0.5	10 x 10 Pairs	20.3	578

**Electrical Characteristics****CW1128 1/0.5 PJ Filled Unarmoured**

Nominal Diameter of Conductors mm	Maximum Conductor Resistance at 20°C ohms/Km	Minimum Insulation Resistance Mohms/Km	Average Mutual Capacitance pF/Km
0.5	96	1500	56