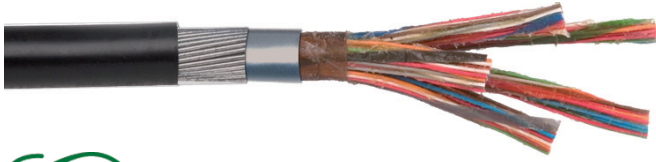


CW1128/1198 Direct Burial Telephone Cable

Eland Product Group **A8T**



Application

External armoured cable primarily designed for the interconnection of telephone equipment. Suitable for direct burial. UV and moisture resistant. In addition these cables may be used for interconnection of other communication and control equipment or low level signalling applications.

Standards

CW1128/1198

Technical Data

Conductor

Solid class 1 solid annealed plain copper to BS EN 60228:2005 (previously BS6360)

Insulation

CEL-PE (Cellular Polyethylene)

Filler

Petroleum Jelly

Separator

Clupak paper tape

Screen

Al/PE (Aluminium/Polyethylene)

Armouring

GSWA (Galvanized Steel Wire Armour)

Sheath

PE (Polyethylene)

Sheath Colour

Black

Temperature Rating

0°C to +40°C*

*Max continuous temperature of standard jelly compound

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

Eland Part Number	No. of Pairs x Nominal Diameter of Conductors # x mm	Pair Configuration	Nominal Overall Diameter mm
A8TCW11280205SW	2 x 0.5	1 Quad	-
A8TCW11280209SW	2 x 0.9	1 Quad	-
A8TCW11280505SW	5 x 0.5	1 x 5 Pairs	14.7
A8TCW11280509SW	5 x 0.9	1 x 5 Pairs	19.0
A8TCW11281005SW	10 x 0.5	1 x 10 Pairs	16.2
A8TCW11281009SW	10 x 0.9	1 x 10 Pairs	22.3
A8TCW11282005SW	20 x 0.5	4 x 5 Pairs	17.2
A8TCW11282009SW	20 x 0.9	4 x 5 Pairs	26.6
A8TCW11283005SW	30 x 0.5	3 x 10 Pairs	18.4
A8TCW11283009SW	30 x 0.9	3 x 10 Pairs	27.8

Eland Part Number	No. of Pairs x Nominal Diameter of Conductors # x mm	Pair Configuration	Nominal Overall Diameter mm
A8TCW11285005SW	50 x 0.5	5 x 10 Pairs	24.8
A8TCW11285009SW	50 x 0.9	5 x 10 Pairs	36.0
A8TCW112810005S	100 x 0.5	10 x 10 Pairs	30.5
A8TCW112810009S	100 x 0.9	10 x 10 Pairs	46.0

Electrical Characteristics

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	28	1500	56

The information contained within this datasheet is for guidance only. When selecting accessories such as cleats, glands, etc please note that actual cable dimensions may vary due to manufacturing tolerances.