

CW1128 External 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.

CONSTRUCTION

Conductor

Class 1 solid annealed copper conductor according to BS EN 60228 (previously BS 6360) resistance to CW specification

Insulation

CEL-PE (Cellular Polyethylene)

Filler

Petroleum Jelly

Separator

Clupak paper tape (with rip cord)

Sheath

PE (Polyethylene)

Pair identification

Quad: ● Orange ● Green ○ White ● Black

1 pair: ○ White ● Blue

2 pair: ○ White ● Orange

3 pair: ○ White ● Green

4 pair: ○ White ● Brown

5 pair: ○ White ● Grey

6 pair: ● Red ● Blue

7 pair: ● Red ● Orange

8 pair: ● Red ● Green

9 pair: ● Red ● Brown

10 pair: ● Red ● Grey

CABLE STANDARDS

BT CW1128, BS EN 60228, BS EN/IEC 60708-1



The electrical and dimensional properties of this product are measured by the Technical and Quality Assurance department at the Eland Cables laboratory. Cable performance in respect of conductor resistance, construction quality (workmanship), dimensional consistency, and other parameters are verified to published standards and approved product drawings. Conformance to RoHS (Restriction of the use of Hazardous Substances) is determined and confirmed.

CHARACTERISTICS

Temperature Rating

0°C to +40°C

Minimum Bending Radius

10 x overall diameter

Sheath colour

● Black

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 NO.	NO. OF PAIRS	NOMINAL DIAMETER OF CONDUCTORS mm ²	PAIR CONFIGURATION	NOMINAL OVERALL DIAMETER mm	NOMINAL WEIGHT kg/km
A8TCW11280502	2	0.5	1 Quad	7.5	50
A8TCW11280505	5	0.5	1 x 5 Pairs	8	53
A8TCW11280510	10	0.5	1 x 10 Pairs	9.5	79
A8TCW11280520	20	0.5	4 x 5 Pairs	12	141
A8TCW11280550	50	0.5	5 x 10 Pairs	16.5	310
A8TCW112805100	100	0.5	10 x 10 Pairs	22	578

ELECTRICAL CHARACTERISTICS

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NOMINAL DIAMETER OF CONDUCTORS mm	MAXIMUM RESISTANCE OF CONDUCTOR AT 20°C ohms/km	MINIMUM INSULATION RESISTANCE Mohms/km	MAXIMUM MUTUAL CAPACITANCE nF/km
0.5	96	1500	64