



# 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.

## CHARACTERISTICS

### Temperature Rating

0°C to +40°C\*

\*Maximum continuous temperature of standard jelly compound

### Minimum Bending Radius

10 x overall diameter

## CONSTRUCTION

### Conductor

Class 1 solid copper

### Insulation

CEL-PE (Cellular Polyethylene)

### Filler

Petroleum Jelly

### Separator

Clupak paper tape (with rip cord)

### Sheath

PE (Polyethylene)

### Sheath Colour

● Black

## STANDARDS

BT CW 1128, IEC/EN 60708-1, IEC/EN 60228

## THE CABLE LAB<sup>®</sup>

AN ISO/IEC 17025 AND IECEE CBTL ACCREDITED FACILITY

Our world-class testing facility assures the quality and compliance of this cable through a continuous and rigorous testing regime.



## SUSTAINABILITY COMMITMENT

We are on a journey to Net Zero.

We've committed to near-term emissions reductions and a net-zero target with the Science Based Targets initiative and we're a signatory to the United Nations Global Compact Sustainable Development Goals.

Learn more about embodied carbon and our carbon emissions reduction actions, our comprehensive recycling services, and wider ESG activities for sustainable operations at: [www.elandcables.com/company/about-us/esg-sustainability](http://www.elandcables.com/company/about-us/esg-sustainability)



## REGULATORY COMPLIANCE

This cable meets the requirements of the RoHS Directive 2015/65/EU and Reach Directive EC 1907/2006. RoHS compliance has been tested and confirmed by The Cable Lab<sup>®</sup>.





## DIMENSIONS

ELAND PART NO.	NO. OF PAIRS	NOMINAL DIAMETER OF CONDUCTORS mm	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

### CW1128 1/0.5 PJ Filled Unarmoured

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

The information contained within this datasheet is for guidance only and is subject to change without notice or liability. All the information is provided in good faith and is believed to be correct at the time of publication. When selecting cable accessories, please note that actual cable dimensions may vary due to manufacturing tolerances.