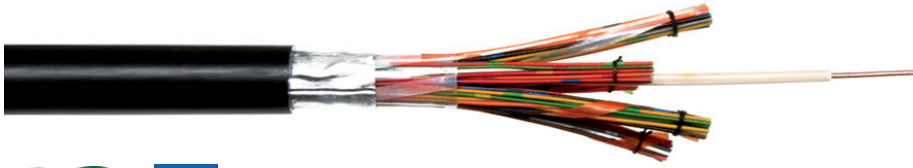


CW1308B Internal/External Telecom Cable

Eland Product Group **A8T**



Application

Cables primarily designed for the interconnection of telephone equipment both internally and externally. In addition these cables may be used for the interconnection of other communication and control equipment or low level signalling applications. The cable specification is further enhanced by the use of a Low Smoke Zero Halogen outer sheath.

Standards

CW1308B, IEC 60754-1

Technical Data

Conductor

Class 1 solid annealed plain copper

Insulation

PVC (Polyvinyl Chloride)

Separator

Polyester wrapping tape

Screen

Al/PE (Aluminium/Polyethylene) tape

Sheath

LSZH (Low Smoke Zero Halogen)

Sheath Colour

Black

Temperature Rating

0°C to +70°C

Minimum Bending Radius

15 x overall diameter

Dimensions

Eland Part Number	No. of Pairs x Nominal Diameter of Conductors # x mm	Construction	Nominal Overall Diameter mm	Nominal Weight kg/Km
A8TCW1308B1055L	10PR + E x 0.5	20PR Unit	7.0	98
A8TCW1308B2005L	20PR + E x 0.5	20PR Unit	9.0	155
A8TCW1308B5005L	50PR + E x 0.5	20PR Unit	13.5	325
A8TCW1308B7505L	75PR + E x 0.5	20PR Unit	16.0	470
A8TCW1308B8005L	80PR + E x 0.5	20PR Unit	16.5	495
A8TCW1308B10005	100PR + E x 0.5	20PR Unit	19.0	610
A8TCW1308B20005	200PR + E x 0.5	20PR Unit	25.6	1155

E - Includes additional 1.38mm diameter insulated earth wire coloured white

Electrical Characteristics

Maximum Conductor Resistance at 20°C ohms/Km	Maximum Earth Resistance at 20°C ohms/Km	Maximum Capacitance Unbalance pF/500m
97.80	12.40	500.00

Pair Identification

Colour Code Table CW1308					
Cabling Element	Colour of Insulation		Cabling Element	Colour of Insulation	
	A - Wire	B - Wire		A - Wire	B - Wire
1	WHITE - Blue	BLUE - White	16	YELLOW - Blue	BLUE - Yellow
2	WHITE - Orange	ORANGE - White	17	YELLOW - Orange	ORANGE - Yellow
3	WHITE - Green	GREEN - White	18	YELLOW - Green	GREEN - Yellow
4	WHITE - Brown	BROWN - White	19	YELLOW - Brown	BROWN - Yellow
5	WHITE - Grey	GREY - White	20	YELLOW - Grey	GREY - Yellow
6	RED - Blue	BLUE - Red	21	VIOLET - Blue	BLUE - Violet
7	RED - Orange	ORANGE - Red	22	VIOLET - Orange	ORANGE - Violet
8	RED - Green	GREEN - Red	23	VIOLET - Green	GREEN - Violet
9	RED - Brown	BROWN - Red	24	VIOLET - Brown	BROWN - Violet
10	RED - Grey	GREY - Red	25	VIOLET - Grey	GREY - Violet
11	BLACK - Blue	BLUE - Black	26	PINK - Blue	BLUE - Pink
12	BLACK - Orange	ORANGE - Black	27	PINK - Orange	ORANGE - Pink
13	BLACK - Green	GREEN - Black	28	PINK - Green	GREEN - Pink
14	BLACK - Brown	BROWN - Black	29	PINK - Brown	BROWN - Pink
15	BLACK - Grey	GREY - Black	30	PINK - Grey	GREY - Pink

Table in accordance with CW1308 Issue 13.

Make-Up and Unit Identification Colours 16 & 20 Pair Units							
Pair Size	8/10 PR	16/20 PR	32/40 PR	64/80 PR	100 PR	128/160 PR	256/320 PR
Number of Units							
Centre	1/2	1	4 x 1/2	1	1	4 x 1/2	1
1st Layer	-	-	-	6 x 1/2	8 x 1/2	6	5
2nd Layer	-	-	-	-	-	-	10
Unit No.	Colours of Unit Lappings						
1	Orange	Orange	Orange	Orange	Orange	Orange	Orange
2	-	-	Green	Orange	Orange	Green	Orange
3	-	-	-	Natural	Natural	Orange	Natural
4	-	-	-	Green	Natural	Natural	Natural
5	-	-	-	-	Green	Natural	Natural
6	-	-	-	-	-	Natural	Green
7	-	-	-	-	-	Natural	Orange
8	-	-	-	-	-	Green	Natural
9 to 15	-	-	-	-	-	-	Natural
16	-	-	-	-	-	-	Green

1/2 refers to Sub-units of 8 or 10 pairs.

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.