

## CW1308b Cable Internal/External LSOH

<b>Conductor:</b>	Plain solid copper 1/0.5mm Earth conductor 1.38mm
<b>Conductor Size:</b>	0.5mm
<b>Diameter of conductor:</b>	0.5mm
<b>Size of conductor:</b>	0.2sqmm
<b>Radial thickness of insulation:</b>	0.2mm
<b>Max diameter of core:</b>	0.95mm
<b>Insulation:</b>	PVC (polyvinyl chloride)
<b>Tape:</b>	Polyester
<b>Barrier:</b>	Aluminum-polyethylene moisture barrier tape
<b>Sheath:</b>	LSOH (low smoke zero halogen)
<b>Max conductor resistance at 20°:</b>	97.8 Ohms/KM
<b>Min insulation resistance at 20°:</b>	50 Megaohms/KM
<b>Max capacitance unbalance:</b>	500 pF/KM
<b>Colour:</b>	Black
<b>Minimum bending radius:</b>	8 x overall diameter
<b>Operating temperature:</b>	Maximum 70°C, minimum bending 0°C
<b>Ref:</b>	CW1308, BT cable
<b>Standards:</b>	Flame Retardant: IEC 60332-1 Acid gas Emission: IEC 60754-1 Corrosivity: IEC 60754-2



No. of Pairs	Approx Overall Diameter (mm)	Weight kg/km
10 + E	7.0	98
20 + E	9.0	155
50 + E	13.5	325
100 + E	19.0	610
160 + E	-	-
200 + E	25.6	1155
320 + E	-	-

Cabling Element	Colour of Insulation		Cabling Element	Colour of Insulation	
	a. Wire	b. Wire		a. Wire	b. Wire
1	White – Blue	Blue – White	14	Black – Brown	Brown – Black
2	White – Orange	Orange - White	15	Black – Grey	Grey – Black
3	White – Green	Green – White	16	Yellow – Blue	Blue – Yellow
4	White - Brown	Brown – White	17	Yellow - Orange	Orange – Yellow
5	White – Grey	Grey – White	18	Yellow – Green	Green – Yellow
6	Red - Blue	Blue – Red	19	Yellow – Brown	Brown – Yellow
7	Red – Orange	Orange – Red	20	Yellow – Grey	Grey – Yellow
8	Red – Green	Green – Red	21	Violet – Blue	Blue – Violet
9	Red – Brown	Brown – Red	22	Violet – Orange	Orange – Violet
10	Red – Grey	Grey – Red	23	Violet – Green	Green – Violet
11	Black – Blue	Blue – Black	24	Violet – Brown	Brown – Violet
12	Black – Orange	Orange – Black	25	Violet – Grey	Grey – Violet
13	Black – Green	Green - Black			

Pair Size	10pr	20pr	50pr	80pr	100pr	200pr
Centre	1 x 10pr	1 x 20pr	5 x 10pr	1	1 x 20pr	3 x 20pr
1 <sup>st</sup> Layer	-	-	-	6 x 10pr	8 x 10pr	7 x 10pr

Unit	Colours of unit lapping's					
1	Orange	Orange	Orange	Orange	Orange	Orange
2	-	-	Natural	Orange	Orange	Natural
3	-	-	Green**	Natural	Natural	Green
4	-	-	-	Green	Natural	Orange
5	-	-	-	-	Green	Natural
6	-	-	-	-	-	Natural
7	-	-	-	-	-	Green**

\*\*The green colour lapping shall be applied to the 10pr last unit.

*This is a reprint of the manufacturer's datasheet; please refer to the cable manufacturer for further details. GCA Ltd makes no claims as to the warranty of the information contained in this datasheet.*