

1/0.5mm PVC LSZH CW1308

Solid plain annealed copper conductors, PVC insulated/Polyester taped/LSF sheathed to BT CW1308

Sheath colours: White and Black

NUMBER OF PAIRS	CONSTRUCTION	NOMINAL DIAMETER OVER LAID UP PAIRS MM	MAXIMUM OVERALL DIAMETER MM	WEIGHT KG/KM	BATT PART NUMBER	BATT PART NUMBER
					WHITE	BLACK
1	L	1.9	3.1	12	42177	
2	L	2.3	3.5	18	42178	
3	L	3.3	4.8	27	42179	
4	L	4.8	5.8	32	42180	
5	L	5.1	6.3	39	42181	
6	L	5.6	6.8	46	42182	
8	1/2 16U	6.4	7.6	58	42183	
10	L	7.1	8.3	70	42184	
10+E	1/2 20U	7.4	8.6	89	42185	42256
12	L	7.7	9.1	85	42186	
15	L	8.4	9.8	102	42187	
20	L	9.0	10.7	135	42188	
20+E	20U	10.6	12.0	150	42189	42257
25	L	9.8	11.4	160	42124	
25+E					42190	
30					42192	
30+E					42194	
32	16U	10.8	12.4	200	42193	
40+E	20U	13.2	15.0	270	42195	
50+E	20U	15.0	17.0	330	42200	42258
80+E	20U	20.1	22.5	520	42202	
100+E	20U	24.0	27.0	660	42196	42259
160+E	20U	26.9	30.3	1010	42197	
200+E	20U	28.2	32.0	1297	42198	
320+E	20U	35.1	39.5	1920	42199	

Construction:

L - Layered pairs

U - Unit construction

X - Includes additional 0.5mm diameter insulated conductor coloured violet.

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

Operating temperature:

Maximum 70°C,
Minimum bending 0°C

Minimum bending radius:

8 x overall Diameter

Electrical Characteristics:

Conductor size (mm)	0.5	1.38 Max
Maximum conductor resistance @ 20°C Ohms/KM	97.8	12.4
Minimum insulation resistance @ 20°C Megaohms/KM	50	-
Maximum capacitance unbalance pF/KM	500	-

Conductor Dimensions:

Diameter of conductor (mm)	0.5	1.38
Size of conductor (Sq.mm)	0.2	1.5
Radial thickness of insulation (mm)	0.2	0.6
Maximum diameter of core (mm)	0.95	2.7



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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

MAKE-UP AND UNIT IDENTIFICATION COLOURS 16 & 20 PAIR UNITS						
PAIR SIZE	8/10 PR	16/20 PR	32/40 PR	64/80 PR	128/160 PR	256/320 PR
NUMBER OF UNITS						
CENTRE	½	1	4 x ½	1	4 x ½	1
1st Layer				6 x ½	6	5
2nd Layer						10
UNIT NO	COLOURS OF UNIT LAPPINGS					
1	Orange	Orange	Orange	Orange	Orange	Orange
2			Green	Orange	Green	Orange
3				Natural	Orange	Natural
4				Green	Natural	Natural
5					Natural	Natural
6					Natural	Green
7					Natural	Orange
8					Green	Natural
9 to 15						Natural
16						Green

½ refers to Sub-units of 8 or 10 pairs.

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