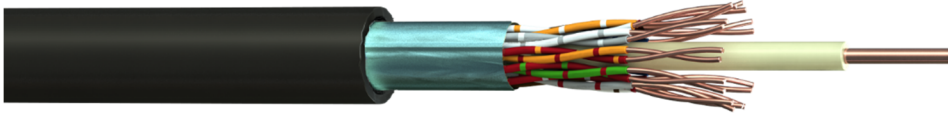


**Description:** Twisted pair telephone cable made to the BT specification CW1308B. This cable features a Bonded Moisture Barrier & Low Smoke Halogen Free (LSHF) Sheath.



### Construction

Conductor Material : Solid Bare Copper, 0.5mm  
 Pair Insulation Material : Polyvinyl Chloride (PVC)  
 Number of Pairs : See table  
 Earth Core : 1/1.38mm, Solid Copper, PVC Insulated, Cream  
 Tape : Polyester  
 Moisture Barrier : Bonded Polyethylene/Aluminium Laminate  
 Outer Sheath Material : Low Smoke Halogen Free (LSHF)  
 Outer Sheath Colour : Black  
 Core Identification : CW 1308 (see attached)

### Electrical Characteristics

Voltage Rating : < 100 V  
 Conductor Resistance @20°C : 0.5mm : < 97.8 Ω/km  
 : 1.38mm : < 12.4 Ω/km  
 Insulation Resistance @ 20°C : > 50 MΩ/KM  
 Mutual Capacitance : < 56 nF/km  
 Capacitance Unbalanced : 500 pF/500m

### Physical Characteristics

Overall Diameter : See table  
 Temperature Rating : 0°C to +70°C  
 Min. Bend Radius : 8 x OD  
 Weight : See table

### Standards

RoHS3 Compliant : Yes  
 CE Compliant : CPR (305/2011)  
 CPR Classification : Eca (EN50575:2014+A1:2016)

Part No.	No. of Pairs	Weight (kg/km)	Maximum OD (mm)
308B10E-E00	10+E	100	8.6
308B20E-E00	20+E	160	12.0
308B50E-E00	50+E	620	18.0
308B100E-E00	100+E	1030	27.0
308B160E-E00	160+E	1140	30.3
308B200E-E00	200+E	1200	32.0

**Description:** Twisted pair telephone cable made to the BT specification CW1308B. This cable features a Bonded Moisture Barrier & Low Smoke Halogen Free (LSHF) Sheath.

### CW1308 Colour Code

Pair	A-Wire	B-Wire
1	White-Blue	Blue-White
2	White-Orange	Orange-White
3	White-Green	Green-White
4	White-Brown	Brown-White
5	White-Grey	Grey-White
6	Red-Blue	Blue-Red
7	Red-Orange	Orange-Red
8	Red-Green	Green-Red
9	Red-Brown	Brown-Red
10	Red-Grey	Grey-Red
11	Black-Blue	Blue-Black
12	Black-Orange	Orange-Black
13	Black-Green	Green-Black
14	Black-Brown	Brown-Black
15	Black-Grey	Grey-Black
16	Yellow-Blue	Blue-Yellow
17	Yellow-Orange	Orange-Yellow
18	Yellow-Green	Green-Yellow
19	Yellow-Brown	Brown-Yellow
20	Yellow-Grey	Grey-Yellow

### Make up & Unit Identification Colours – 20 Pair Unit

Pair Size	10 pair	20 Pair	50 Pair	100 Pair	160 Pair	200 Pair
Make Up	Number of Units					
Centre	½	1	5 x ½	1	4 x ½	4 x ½
1 <sup>st</sup> Layer				4	6	8
2 <sup>nd</sup> Layer				****		
Unit No.	Colour of Unit Lappings					
1	Orange	Orange	Orange	Orange	Orange	Orange
2			Natural	Orange	Green	Green
3			Green*	Natural	Orange	Orange
4				Natural	Natural	Natural
5				Green	Natural	Natural
6					Natural	Natural
7					Natural	Natural
8					Green	Natural
9						Natural
10						Green

Note 1: ½ refers to sub-units of 10 Pairs

\* The Green colour lapping shall be applied to the last ½ unit

\*\*\*\* At the manufacturer's discretion the first layer may be 4 x 1. Alternatively the centre layer may be 5 x 1 in which case the Unit lappings shall be coloured Orange, 3 x Natural, Green.