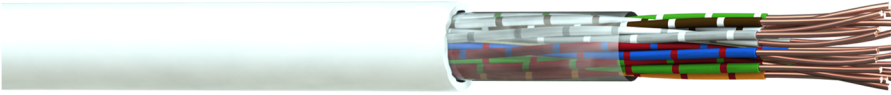


**Description:** CW1308 Twisted Pair Telephone Cable PVC White Sheath.



### Construction

Conductor Material : Plain Annealed Bare Copper  
 Conductor Stranding : 1/0.5mm  
 Insulation Material : Polyvinyl Chloride (PVC)  
 Number of Pairs : See table  
 Sheath Material : Polyvinyl Chloride (PVC)  
 Sheath Colour : White  
 Core Identification : BT CW1308 (see table)

### Electrical Characteristics

Conductor Resistance @ 20°C : 97.8 Ω/km  
 Capacitance Unbalanced : 500 pF/500m  
 Insulation Resistance @ 20°C : > 50 MΩ/km

### Physical Characteristics

Overall Diameter : See table  
 Temperature Rating : 0°C to +60°C  
 Min. Bend Radius : 8 x OD  
 Weight : See table

### Standards

Flame Retardant : BS EN 60332-1-2  
 RoHS3 Compliant : Yes

| Part No. | No. of Pairs | Weight (kg/km) | OD (mm) | Part No. | No. of Pairs | Weight (kg/km) | OD (mm) |
|----------|--------------|----------------|---------|----------|--------------|----------------|---------|
| 30803    | 3            | 28             | 5.0     | 30820E   | 20+E         | 183            | 12.0    |
| 30804    | 4            | 34             | 5.8     | 30825    | 25           | 184            | 11.4    |
| 30806    | 6            | 44             | 6.8     | 30840E   | 40+E         | 371            | 15.0    |
| 30810    | 10           | 67             | 8.3     | 30850E   | 50+E         | 727            | 17.0    |
| 30810E   | 10+E         | 85             | 8.6     | 308100E  | 100+E        | 708            | 27.0    |
| 30820    | 20           | 150            | 10.7    | 308160E  | 160+E        | 1059           | 30.3    |

Note: The 'E' in the column 'No. of Pairs' above indicates that the cable contains an earth-wire. This consists of a 1.38mm solid copper conductor (maximum resistance 12.4 ohms/km), insulated with Cream PVC.

**Description:** CW1308 Twisted Pair Telephone Cable PVC White 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   |
| 21   | Violet-Blue   | Blue-Violet   |
| 22   | Violet-Orange | Orange-Violet |
| 23   | Violet-Green  | Green-Violet  |
| 24   | Violet-Brown  | Brown-Violet  |
| 25   | Violet-Grey   | Grey-Violet   |

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

| Pair Size             | 10 pair                 | 20 Pair | 40 Pair | 50 Pair | 100 Pair | 160 Pair |
|-----------------------|-------------------------|---------|---------|---------|----------|----------|
| Make Up               | Number of Units         |         |         |         |          |          |
| Centre                | ½                       | 1       | 4 x ½   | 5 x ½   | 1        | 4 x ½    |
| 1 <sup>st</sup> Layer |                         |         |         |         | 8 x ½    | 6        |
| 2 <sup>nd</sup> Layer |                         |         |         |         | ****     |          |
| Unit No.              | Colour of Unit Lappings |         |         |         |          |          |
| 1                     | Orange                  | Orange  | Orange  | Orange  | Orange   | Orange   |
| 2                     |                         |         | Green   | Natural | Orange   | Green    |
| 3                     |                         |         |         | Green*  | Natural  | Orange   |
| 4                     |                         |         |         |         | Natural  | Natural  |
| 5                     |                         |         |         |         | Green    | Natural  |
| 6                     |                         |         |         |         |          | Natural  |
| 7                     |                         |         |         |         |          | Natural  |
| 8                     |                         |         |         |         |          | 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