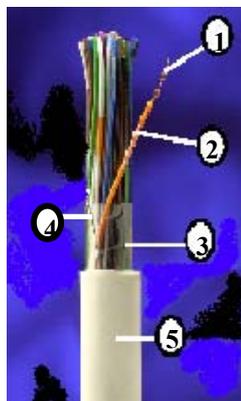


## CW 1308 CABLES



Solid plain annealed Copper conductor, nominal diameter of 0,63 mm.

PVC insulated twisted pair

There are two modes of construction; Layer for general use and Units of 16, 20 or 30 pairs which may include a 1.38mm diameter cream coloured PVC insulated earth conductor. +E indicates that the cable contains the earth wire.

Wrapping: One or more polyester tape helically or longitudinally laid with an overlap.

A non-metallic ripcord may be provided under the cable sheath

PVC Sheath (White, other colours are available as per purchase order)

## Identification

Cabling Element No.	a-wire	b-wire	Cabling Element No.	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			
12	BLACK-Orange	ORANGE- Black			
13	BLACK-Green	GREEN- Black			
14	BLACK-Brown	BROWN- Black			
15	BLACKGrey	GREY- Black			

Note 1: Uppercase letters indicate the base colour of insulation, and the lower case indicates ink bands applied onto the base colour

## Conductor Dimension & Resistance

Conductor Diameter (mm)	Max. Avg. Resistance per 1000 metres @ 20°C (ohms)	Insulation Radial Thickness Minimum (mm)	Insulated Conductor Overall Diameter Maximum (mm)
0.63 +/- 0.02	58	0.20	1,15
1.38 nominal	12.4	0.55	3.50

## Insulation Resistance

Insulation resistance measurements shall be made with not less than 500 volts D.C. After steady electrification for one minute the insulation resistance measured between each conductor and the remaining conductors connected together shall be not less than 50 megohms per 1000 metres at 20°C.

Plain annealed copper wire/PVC insulation/PVC sheath  
Internal Telephone Cable

### Capacitance Unbalance

Not more than 1% of the corrected capacitance unbalance measurements between any pairs shall exceed the values of 500pF/500m at 800MHz.

### Details:

Cable Type	Unit Size,	Nom. Sheath Thickness (mm)	Max. overall diameter (mm)
5	L	0,7	7,511,1

**Colour code** : For the insulation and sheathing colour BS 6746C or reasonable equivalent IEC 304 colours.

### Make-Up and Unit Identification Tape Colours -

	Central	1 <sup>st</sup> Layer	2 <sup>nd</sup> Layer	3 <sup>rd</sup> Layer	4 <sup>th</sup> Layer
5	5 Pair				

### Installation

