

## INTERNAL TELEPHONE CABLES - CW 1308

The following range of multipair internal telephone cables are manufactured in accordance with BT type CW 1308. They are constructed from a 0.5mm tinned copper conductor, which is PVC insulated, these cores are twisted into pairs and the required number of pairs are then laid up in either layers for cables containing up to and including 25 pairs, or in units for items of 32 pairs and above. The pairs are colour coded for ease of identification. An earth conductor of 1.38mm PVC insulated plain copper is included where shown. The cables are either black or white PVC. For colour code details please refer to table below. Foil shielded versions are available in certain pair sizes.

No Of Pairs (mm)	Construction	Max O.D. (mm)	No Of Pairs	Construction	Max O.D. (mm)	
12.0	2	L	3.6	20 + Earth	1 x 20U	
11.4	3	L	4.5	25	L	
12.0	4	L	5.8	25 + Earth	L	
16.0	6	L	6.8	# 32 + Earth	2 x 16U	
15.0	10	L	8.3	40 + Earth	2 x 40U	
	10 + Earth	1/2 x 20U	8.6	50 + Earth	2 1/2 x 20U	17.5
20.0	12	L	9.1	60 + Earth	3 x 20U	
	12 + Earth	L	9.5	80 + Earth	4 x 20U	22.5
24.0	15	L	9.8	100 + Earth	5 x 20U	
	*20	L	10.7	160 + Earth	8 x 20U	30.3

### CONSTRUCTION

L = Layer Construction

U = Unit Construction

\* = This item contains an additional conductor coloured violet.

# = Each unit in this item is divided into sub units, the first containing elements 1-4 and 6-9, the second 11-14 and 16-19.

### Electrical Characteristics

Minimum Insulation Resistance @ 20 C	50 MEGA OHMS/KM
Maximum Conductor Resistance @ 20 C	97.8 OHMS/KM
Maximum Capacitance Unbalance	500pf

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**COLOUR CODING TABLE**

Pair No.	Colour Of Insulation		Pair No.	Colour Of Insulation	
	A-Wire	B-Wire		A-Wire	B-Wire
1 Yellow	WHITE-Blue	BLUE-White	16	YELLOW-Blue	BLUE-
2 Yellow	WHITE-Orange	ORANGE-White	17	YELLOW-Orange	ORANGE-
3	WHITE-Green	GREEN-White	18	YELLOW-Green	GREEN-Yellow
4 Yellow	WHITE-Brown	BROWN-White	19	YELLOW-Brown	BROWN-
5 Yellow	WHITE-Grey	GREY-White	20	YELLOW-Grey	GREY-
6 Violet	RED-Blue	BLUE-Red	21	VIOLET-Blue	BLUE-
7 Violet	RED-Orange	ORANGE-Red	22	VIOLET-Orange	ORANGE-
8 Violet	RED-Green	GREEN-Red	23	VIOLET-Green	GREEN-
9 Violet	RED-Brown	BROWN-Red	24	VIOLET-Brown	BROWN-
10 Violet	RED-Grey	GREY-Red	25	VIOLET-Grey	GREY-
11 Pink	BLACK-Blue	BLUE-Black	26	PINK-Blue	BLUE-
12 Pink	BLACK-Orange	ORANGE-Black	27	PINK-Orange	ORANGE-
13 Pink	BLACK-Green	GREEN-Black	28	PINK-Green	GREEN-
14 Pink	BLACK-Brown	BROWN-Black	29	PINK-Brown	BROWN-
15 Pink	BLACK-Grey	GREY-Black	30	PINK-Grey	GREY-

While every care is taken to ensure that the information contained in this data is correct, no legal responsibility can be accepted for any inaccuracy. The Company reserves the right to alter or modify the information contained herein at any time in the light of other developments.

