

# Cable equipment 2000 148-945. to British Telecom. Spec. CW 1308

Cables to CW 1308 are replacing cables to CW 1293 and have a much improved colour coding system in which all cores are bi-coloured with the base colour of one wire of a pair being the band colour of the other. Concentric layers are used for up to 25 pairs, but by using unit construction coupled with the improved colour code, cables of up to 128 pairs are available. CW 1308 cables are used for cable equipment 2000 designed to cater for the new distribution networks and digital systems. Cables, depending on their constructional methods, are used as follows:

Layer construction - for general use.

Cables containing 16 pair units are for use with binary number systems.

Cables containing 20 pair units plus 1.38 mm diameter earth wire are for use with customer distribution schemes.

### CONSTRUCTION

Tinned solid copper conductors, PVC insulated, PVC oversheathed. A non-metallic rip-cord is laid under the oversheath to facilitiate its removal. The preferred sheath colour is white although cream, grey or black sheaths can be supplied to order.

#### RANGE AND DIMENSIONS

Conductor				
Nominel Size Musimum resisted area at 20°C				
men <sup>2</sup>	man .	ohm/km		
0 126	1/0.4	153		
0 196	1/0.5	97.8		
1.5	1/1.38	12.4		

on (PVC)
Mædmum overall diameter mm
0.85
0.95
3.50

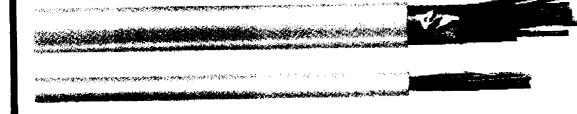


Cable laying-up machine

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### LAYER CONSTRUCTION (PAIRS)

			Poir	Sheath		
8T designation	Conductor sixe	No. of pairs	colours (see page 14)	Minimum redial thickness mm	Maximun diameter mm	
2402	1/0.4	2	1 & 2	0.4	3.9	
1	1/0.4	3	1 3	0.5	5.3	
2403	1/0.4	4	1-4	0.5	5.8	
2404	1/0.4	6	1-6	0.6	6.8	
2406	1/0.4	10	1 10	0.6	8.3	
2410	1/0.4	12	1 - 12	0.7	8.9	
2412	1/0.4	20	1 - 20	0.7	104	
2420 2425	1/0.4	25	1 - 25	0.8	31.1	
2420	., ., _			0.6	4.8	
2503	1/0.5	3	1 3	ł .	5.8	
2504	1/0.5	4	1-4	0,5	6.8	
2506	1/0 5	6	1 6	0.6	8.3	
2510	1/0.5	۱۵	1 - 10	0.6	91	
2512	1/0.5	12	1 12	0.7		
2515	1/0.5	15	1 – 15	0.7	9.8	
2520	1/0.5	20	1 - 20	0,8	10.7	
2525	1/0.5	25	1 25	0.8	11.4	



### **UNIT CONSTRUCTION**

16 pair unit cables (for digital systems)

designation - Confluctor	pairs Ne. of
2432U 1/0.4 2464U 1/0.4	32
25000 1/03 2510U 1/05	8 16 32
156.00	64 128

gloodh				
Minimugi radial Militares min	Marghram Ganaly Mg			
0.4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	12. <b>0</b> 16.0			
0.6 0.7 0.8	V0.7			
16:	25.			

## 20 pair unit cables (for distribution networks)

70.5 10 20	Barlanda	NG. of pairs
40	70.5 25.00	20

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}	0.6	ي ايد ⊶ا بلد الله الد مخدد الد مخدد			-1 <b>#</b> 0	- ,
,	0.9	şlar.			150	*
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