

INDOOR USE TELEPHONE CABLE to BT CW 1308 & ETISALAT CS 14

CONSTRUCTIONS

- Conductor : Bare or Tinned annealed copper
- Insulation: PVC type 2 to BS 6746*
- Stranding & Unit Make Up
- A unit shall consist of 10 pairs / 20 pairs stranded together to form a compact bunch. Each pair referred to by number, shall be coloured to comply with table 1.
- The open lapping of coloured tape shall be applied over each unit. The colour of the tape shall comply with table 2. The coloured sequence shall be from the centre to the outside.
- This tape is not required for up to and including 25 pair cables. If specially requested a marker and reference system of identification may be used as an alternative of table 2. The make-up of the completed cable shall comply with table 3.
- Outer Sheath - PVC type TM1 to BS 6746*

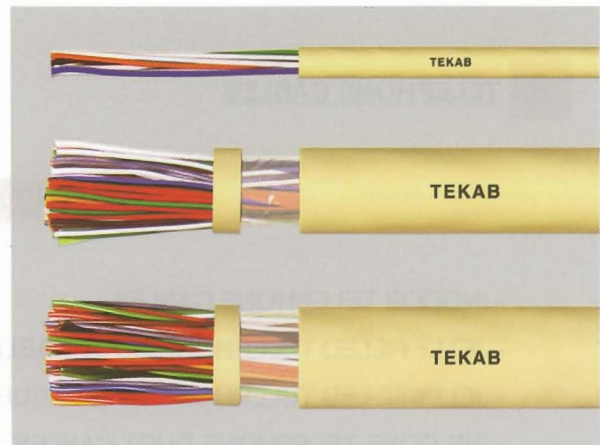
CHARACTERISTICS

- Conductor Resistance at 20°C: max 97.8 Ω/km
- Insulation Resistance at 20°C: min 50 MΩ.km

**Conductor: 0.5mm Diameter
Insulation radial thickness 0.15mm**

Number of Pairs	Overall Max O.D. mm	Approx. Weight kg/km	Code Number
1	3.3	10	VV 1 X 2 X 0.5
2(1Qd)	4.0	20	VV 1 X 4 X 0.5
3	5.3	26	VV 3 X 2 X 0.5
4	5.8	33	VV 4 X 2 X 0.5
5	6.3	40	VV 5 X 2 X 0.5
6	6.8	50	VV 6 X 2 X 0.5
8	7.6	62	VV 8 X 2 X 0.5
10	8.3	76	VV 10 X 2 X 0.5
15	9.8	110	VV 15 X 2 X 0.5
20	10.7	140	VV 20 X 2 X 0.5
25	11.4	178	VV 25 X 2 X 0.5
30	12.2	210	VV 30 X 2 X 0.5
40	14.2	280	VV 40 X 2 X 0.5
50	15.7	346	VV 50 X 2 X 0.5
70	18.6	485	VV 70 X 2 X 0.5
100	22.6	688	VV 100 X 2 X 0.5

If Tinned Copper, add 'T' in code after the conductor size.



**Table 1
Colour Scheme, unit 10 pairs/20 pairs**

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

Table 2 Colour of Tape Lapping, Unit

Unit Number	1	2	3	4	5	6	7	8	9	10
Colour	Blue	Orange	Green	Brown	Grey	White	Red	Black	Yellow	Violet

Table 3 Cable Make Up

Cable Size (Pair)	No. & Pair Size of Units In Centre & Layers	
	Centre	Layer 1
1	1 X (1)	
2	1 X (2)	
3	1 X (3)	
4	1 X (4)	
5	1 X (5)	
10	1 X (10)	
15	1 X (15)	
20	1 X (20)	
20	4 X (5)	
25	1 X (25)	
30	3 X (10)	
50	5 X (10)	
70	1 X (10)	6 X (10)
100	5 X (20)	
100	2 X (10)	8 X (10)