



Cable core design and identification

The cable core lay-up and the identification scheme for all applicable number of pairs are described in the following tables.

1. Colour coding

Quad (2 pair cables)

Wire	Insulation colour
a	Blue
b	Red
c	Green
d	Black

Sub-unit

Pair number	Insulation colour	
	a-wire	b-wire
1	Blue	Red
2	White	Red
3	Yellow	Red
4	Grey	Red
5	Orange	Red
6	Blue	Black
7	White	Black
8	Yellow	Black
9	Grey	Black
10	Orange	Black



2. *Identification of sub units*

Each sub unit is identified by wrapping of a colour coded tape:

Sub unit number	Colour code
1	Blue
2	White
3	Yellow
4	Grey
5	Orange
6	Blue/Black
7	White/Black
8	Yellow/Black
9	Grey/Black
10	Orange/Black

3. *Cable cores with 10-100 pairs*

Number of pairs	Sub units	Remarks	Sub unit located in:	
			Centre	1 st layer
10	1	Sub unit	1	
20	2		1-2	
50	5	Main unit, 50 pairs	1-5	
100	3+7	Main unit, 100 pairs	1-3	4-10

4. *Cable cores with 200 pairs*

Number of pairs	Number of main units	Main unit located in:		
		Centre	1 st layer	2 nd layer
200	4	1-4		

The main units are identified by numbered bindings.