

DIN47100 – Multicore & Multi-pair Cables Charts

This colour code is most commonly utilised in LIYY or LIYCY type signal cables. The first colour shown is solid, then striped or banded with any additional colours.

Multicore Cables			
Core Number	Insulation Colours		
1	White		
2	Brown		
3	Green		
4	Yellow		
5	Grey		
6	Pink		
7	Blue		
8	Red		
9	Black		
10	Violet		
11	Grey	Pink	
12	Red	Blue	
13	White	Green	
14	Brown	Green	
15	White	Yellow	
16	Yellow	Brown	
17	White	Grey	
18	Grey	Brown	
19	White	Pink	
20	Pink	Brown	
21	White	Blue	
22	Brown	Blue	
23	White	Red	
24	Brown	Red	
25	White	Black	
26	Brown	Black	
27	Grey	Green	
28	Yellow	Grey	
29	Pink	Green	
30	Yellow	Pink	
31	Green	Blue	
32	Yellow	Blue	
33	Green	Red	
34	Yellow	Red	
35	Green	Black	
36	Yellow	Black	
37	Grey	Blue	
38	Pink	Blue	
39	Grey	Red	
40	Pink	Red	
41	Grey	Black	
42	Pink	Black	
43	Blue	Black	
44	Red	Black	
45	White	Brown	Black
46	Yellow	Green	Red
47	Grey	Pink	Black
48	Red	Blue	Black
49	White	Green	Red
50	Brown	Green	Red
51	White	Yellow	Black
52	Yellow	Brown	Black
53	White	Grey	Black
54	Grey	Brown	Black
55	White	Pink	Black
56	Pink	Brown	Black
57	White	Blue	Black
58	Brown	Blue	Black
59	White	Red	Black
60	Brown	Red	Black

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Multi-pair Cables				
Pair Number	Insulation Colours			
	1 st Core		2 nd Core	
1	White		Brown	
2	Green		Yellow	
3	Grey		Pink	
4	Blue		Red	
5	Black		Violet	
6	Grey	Pink	Red	Blue
7	White	Green	Brown	Green
8	White	Yellow	Yellow	Brown
9	White	Grey	Grey	Brown
10	White	Pink	Pink	Brown
11	White	Blue	Brown	Blue
12	White	Red	Brown	Red
13	White	Black	Brown	Black
14	Grey	Green	Yellow	Grey
15	Pink	Green	Yellow	Pink
16	Green	Blue	Yellow	Blue
17	Green	Red	Yellow	Red
18	Green	Black	Yellow	Black
19	Grey	Blue	Pink	Blue
20	Grey	Red	Pink	Red
21	Grey	Black	Pink	Black
22	Blue	Black	Red	Blue
23-44	Repeat colours shown for cores 1-22			
45-66	Repeat colours shown for cores 1-22			

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