

Color Code to DIN 47100 Pairs

Color code according to DIN 47100 Twisted Pairs with color repetition.

The following color code is for twisted paired cables to DIN-47100. At 23 pairs, the color identification repeats itself for the first time and from 45 pairs for the second time. The cores are marked with one colored 2-3 mm wide rings. The distance between the rings is approximately 7 mm.

Pair #			Color of Core A	Color of Core B
1	23	45	White	Brown
2	24	46	Green	Yellow
3	25	47	Gray	Pink
4	26	48	Blue	Red
5	27	49	Black	Purple
6	28	50	Gray / pink	Red / blue
7	29	51	White / green	Brown / green
8	30	52	White / yellow	Yellow / brown
9	31	53	White / grey	Gray / brown
10	32	54	White / pink	Pink / brown
11	33	55	White / blue	Brown / blue
12	34	56	White / red	Brown / red
13	35	57	White / black	Brown / black
14	36	58	Gray / green	Yellow / gray
15	37	59	Pink / green	Yellow / pink
16	38	60	Green / blue	Yellow / blue
17	39	61	Green / red	Yellow / red
18	40	62	Green / black	Yellow / black
19	41	63	Gray / blue	Pink / blue
20	42	64	Gray / red	Pink / red
21	43	65	Gray / black	Pink / black
22	44	66	Blue / black	Red / black

The counting order starts from the outer layer proceeding consecutively inwards in the same direction throughout all layers.