Conductor insulation colours

Conductor insulation colours, cables BiT LiYY, BiT LiYCY, BiT LiHH, BiT LiHCH, BiT LiHC11Y

Colour codes as per DIN 47100

Conductor no.	Colour	Conductor no.	Colour	Conductor no.	Colour
1	white	17	white/grey	33	green/red
2	brown	18	grey/brown	34	yellow/red
3	green	19	white/pink	35	green/black
4	yellow	20	pink/brown	36	yellow/black
5	grey	21	white/blue	37	grey/blue
6	pink	22	brown/blue	38	pink/blue
7	blue	23	white/red	39	grey/red
8	red	24	brown/red	40	pink/red
9	black	25	white/black	41	grey/black
10	purple	26	brown/black	42	pink/black
11	grey/pink	27	grey/green	43	blue/black
12	red/blue	28	yellow/grey	44	red/black
13	white/green	29	pink/green		
14	brown/green	30	yellow/pink		
15	white/yellow	31	green/blue		
16	yellow/brown	32	yellow/blue		

Colour codes as per DIN 47100 for cables with paired conductors

Pair no.	Conductor colour-a	Conductor colour-b	Pair no.	Conductor colour-a	Conductor colour-b
1	white	brown	13	white/black	brown/black
2	green	yellow	14	grey/green	yellow/grey
3	grey	pink	15	pink/green	yellow/pink
4	blue	red	16	green/blue	yellow/blue
5	black	purple	17	green/red	yellow/red
6	grey/pink	red/blue	18	green/black	yellow/black
7	white/green	brown/green	19	grey/blue	pink/blue
8	white/yellow	yellow/brown	20	grey/red	pink/red
9	white/grey	grey/brown	21	grey/black	pink/black
10	white/pink	pink/brown	22	blue/black	red/black
11	white/blue	brown/blue			
12	white/red	brown/red			

Conductor insulation colours

Conductor insulation colours, cables BiTflame®A, BiTflame®A(St), BiTflame®AS, BiTflame®AS FE 180/E90, BiTflame®AS(St) FE 180/E90, HTKSH, HTKSHekw, HTKSH FE180/PH90 E90, HTKSHekw FE180/PH90 E90 acc. to PN-T-90321:1992

No. of pair	Insulation colours	
	conductor a	conductor b
1	white	blue
2		orange
3		green
4		brown
5		grey
6	red	blue
7		orange
8		green
9		brown
10		grey
11	black	blue
12		orange
13		green
14		brown

Conductor insulation colours, cables BiTflame®1000, BiTflame®1000C, (N)HXH, NHXH, (N)HXCH, NHXCH

Cores insulation colours

No. of cores	Insulation colours
Cables without protective conductor	
1	black
2	blue, brown
3	brown, black, grey
4	blue, brown, black, grey
5	blue, brown, black, grey, black
Cables with protective conductor	
1	green-yellow
3	green-yellow, blue, brown
4	green-yellow, brown, black, grey
5	green-yellow, blue, brown, black, grey
> 5	green-yellow, remaining conductors numbered

Conductor insulation colours

Conductor insulation colours, cables YTKSY, YTKSYekw

No. of pair	Insulation colours	
	a	b
1	white	blue
2		orange
3		green
4		brown
5		grey
6	red	blue
7		orange
8		green
9		brown
10		grey
11	black	blue
12		orange
13		green
14		brown
15		grey
16	yellow	blue
17		orange
18		green
19		brown
20		grey
21	white/blue	blue
22		orange
23		green
24		brown
25		grey
26	red/blue	blue
27		orange
28		green
29		brown
30		grey
31	black/blue	blue
32		orange
33		green
34		brown
35		grey
36	yellow/blue	blue
37		orange
38		green
39		brown
40		grey
41	white/orange	blue
42		orange
43		green
44		brown
45		grey
46	red/orange	blue
47		orange
48		green
49		brown
50		grey
51	black/orange	blue
52		orange
53		green