

COLOR-CODING

Color code acc. to DIN 47100

Conductor no.	Base Color	1st Ring	2nd Ring	3rd Ring	Conductor no.	Base Color	1st Ring	2nd Ring	3rd Ring
1	white				32	yellow	blue		
2	brown				33	green	red		
3	green				34	yellow	red		
4	yellow				35	green	black		
5	gray				36	yellow	black		
6	pink				37	gray	blue		
7	blue				38	pink	blue		
8	red				39	gray	red		
9	black				40	pink	red		
10	violet				41	gray	black		
11	gray	pink			42	pink	black		
12	red	blue			43	blue	black		
13	white	green			44	red	black		
14	brown	green			45	white	brown	black	
15	white	yellow			46	yellow	green	black	
16	yellow	brown			47	gray	pink	black	
17	white	gray			48	red	blue	black	
18	gray	brown			49	white	green	black	
19	white	pink			50	brown	green	black	
20	pink	brown			51	white	yellow	black	
21	white	blue			52	yellow	brown	black	
22	brown	blue			53	white	gray	black	
23	white	red			54	gray	brown	black	
24	brown	red			55	white	pink	black	
25	white	black			56	pink	brown	black	
26	brown	black			57	white	blue	black	
27	gray	green			58	brown	blue	black	
28	yellow	gray			59	white	red	black	
29	pink	green			60	brown	red	black	
30	yellow	pink			61	black	white		
31	green	blue							

Core identification acc. to HD 308

Identification of conductors in cables and flexible cords by colours

no. of conductors	cables with green-yellow earth wire	cables without green-yellow earth wire
2-conductors	—	blue - brown
3-conductors	green-yellow - blue - brown	brown - black - grey
4-conductors	green-yellow - brown - black - grey	blue - brown - black - grey
5-conductors	green-yellow - blue - brown - black - grey	blue - brown - black - grey - black

Core identification with numbers acc. to EN 50334

Marking inscription for identification of conductors of electric cables (number printing).
Other conductor colours are allowed except green and yellow.

SAB color code for connection cables

2-conductors	red - white	(4 conductors acc. to DIN IEC 60751. 6 conductors not standardized)
3-conductors	red - red - white	
4-conductors	red - red - white - white	
6-conductors	red - red - white - white - black - black	

Custom color codes also available!

US COLOR-CODING

Color code US 1

Conductor no.	Base Color	1st Ring	2nd Ring	3rd Ring	Conductor no.	Base Color	1st Ring	2nd Ring	3rd Ring
1	black				7	orange			
2	white				8	yellow			
3	red				9	violet			
4	green				10	gray			
5	brown				11	pink			
6	blue				12	beige			

Color code US 2

Conductor no.	Base Color	1st Ring	2nd Ring	3rd Ring	Conductor no.	Base Color	1st Ring	2nd Ring	3rd Ring
1	black				26	orange	black	white	
2	white				27	blue	black	white	
3	red				28	black	red	green	
4	green				29	white	red	green	
5	orange				30	red	black	green	
6	blue				31	green	black	orange	
7	white	black			32	orange	black	green	
8	red	black			33	blue	white	orange	
9	green	black			34	black	white	orange	
10	orange	black			35	white	red	orange	
11	blue	black			36	orange	white	blue	
12	black	white			37	white	red	blue	
13	red	white			38	black	white	green	
14	green	white			39	white	black	green	
15	blue	white			40	red	white	green	
16	black	red			41	green	white	blue	
17	white	red			42	orange	red	green	
18	orange	red			43	blue	red	green	
19	blue	red			44	black	white	blue	
20	red	green			45	white	black	blue	
21	orange	green			46	red	white	blue	
22	black	white	red		47	green	orange	red	
23	white	black	red		48	orange	red	blue	
24	red	black	white		49	blue	red	orange	
25	green	black	white		50	black	orange	red	

Color code US 3

Conductor no.	Base Color	1st Ring	2nd Ring	3rd Ring	Conductor no.	Base Color	1st Ring	2nd Ring	3rd Ring
1	black	paired with	red		20	white	paired with	yellow	
2	black	paired with	white		21	white	paired with	brown	
3	black	paired with	green		22	white	paired with	orange	
4	black	paired with	blue		23	blue	paired with	yellow	
5	black	paired with	yellow		24	blue	paired with	brown	
6	black	paired with	brown		25	blue	paired with	orange	
7	black	paired with	orange		26	brown	paired with	yellow	
8	red	paired with	white		27	brown	paired with	orange	
9	red	paired with	green		28	orange	paired with	yellow	
10	red	paired with	blue		29	violet	paired with	orange	
11	red	paired with	yellow		30	violet	paired with	red	
12	red	paired with	brown		31	violet	paired with	white	
13	red	paired with	orange		32	violet	paired with	green	
14	green	paired with	white		33	violet	paired with	blue	
15	green	paired with	blue		34	violet	paired with	yellow	
16	green	paired with	yellow		35	violet	paired with	brown	
17	green	paired with	brown		36	violet	paired with	black	
18	green	paired with	orange		37	gray	paired with	white	
19	white	paired with	blue						

US COLOR-CODING

Color code US 4

Conductor no.	Base Color	1st Ring	2nd Ring	3rd Ring	Conductor no.	Base Color	1st Ring	2nd Ring	3rd Ring
1	black				29	white	brown	orange	
2	brown				30	white	brown	yellow	
3	red				31	white	brown	green	
4	orange				32	white	brown	blue	
5	yellow				33	white	brown	violet	
6	green				34	white	brown	gray	
7	blue				35	white	red	orange	
8	violet				36	white	red	yellow	
9	gray				37	white	red	green	
10	white				38	white	red	blue	
11	white	black			39	white	red	violet	
12	white	brown			40	white	red	gray	
13	white	red			41	white	orange	yellow	
14	white	orange			42	white	orange	green	
15	white	yellow			43	white	orange	blue	
16	white	green			44	white	orange	violet	
17	white	blue			45	white	orange	gray	
18	white	violet			46	white	yellow	green	
19	white	gray			47	white	yellow	blue	
20	white	black	brown		48	white	yellow	violet	
21	white	black	red		49	white	yellow	gray	
22	white	black	orange		50	white	green	blue	
23	white	black	yellow		51	white	green	violet	
24	white	black	green		52	white	green	gray	
25	white	black	blue		53	white	blue	violet	
26	white	black	violet		54	white	blue	gray	
27	white	black	gray		55	white	violet	gray	
28	white	brown	red						

Color code US 5

Pair no.	Color Combination	Pair no.	Color Combination
1	black paired with red	27	brown paired with yellow
2	black paired with white	28	purple paired with red
3	black paired with green	29	purple paired with white
4	black paired with blue	30	purple paired with green
5	black paired with brown	31	purple paired with blue
6	black paired with yellow	32	purple paired with brown
7	black paired with orange	33	purple paired with yellow
8	red paired with green	34	purple paired with orange
9	red paired with white	35	purple paired with slate
10	red paired with blue	36	purple paired with black
11	red paired with yellow	37	slate paired with red
12	red paired with brown	38	slate paired with white
13	red paired with orange	39	slate paired with green
14	green paired with blue	40	slate paired with blue
15	green paired with white	41	slate paired with brown
16	green paired with brown	42	slate paired with yellow
17	green paired with orange	43	slate paired with orange
18	green paired with yellow	44	slate paired with black
19	white paired with blue	45	white/black paired with red
20	white paired with brown	46	white/black paired with green
21	white paired with orange	47	white/black paired with blue
22	white paired with yellow	48	white/black paired with brown
23	blue paired with brown	49	white/black paired with yellow
24	blue paired with orange	50	white/black paired with orange
25	blue paired with yellow	51	white/black paired with purple
26	brown paired with orange		