

COLOR CODING OF CORES ACCORDING

TO DIN 47 100 & ABBREVIATIONS

ACC. TO IEC 60757



The color code according to table 1 without repeating colors from core 46 resp. pair 23 is used for electronic cables LiYY, LiYCY and similar types. Counting of cores starts in the outer layer of the strand and is continued through all layers in the same direction. The first color in the table is the color of insulation, the second and third ones are printed rings. Table 2 contains German and English abbreviations for colors acc. to IEC 60757. The table does not correspond to any order of colors/cores in a cable!

Table 1: Core identification acc. to DIN 47 100

color	stranded cores core N°	twisted core	pairs pair N°
white	1	a	1
brown	2	b	
green	3	a	2
yellow	4	b	
grey	5	a	3
pink	6	b	
blue	7	a	4
red	8	b	
black	9	a	5
violet	10	b	
grey pink	11	a	6
red blue	12	b	
white green	13	a	7
brown green	14	b	
white yellow	15	a	8
yellow brown	16	b	
white grey	17	a	9
grey brown	18	b	
white pink	19	a	10
pink brown	20	b	
white blue	21	a	11
brown blue	22	b	
white red	23	a	12
brown red	24	b	
white black	25	a	13
brown black	26	b	

color	stranded cores core N°	twisted core	pairs pair N°
grey green	27	a	14
yellow grey	28	b	
pink green	29	a	15
yellow pink	30	b	
green blue	31	a	16
yellow blue	32	b	
green red	33	a	17
yellow red	34	b	
green black	35	a	18
yellow black	36	b	
grey blue	37	a	19
pink blue	38	b	
grey red	39	a	20
pink red	40	b	
grey black	41	a	21
pink black	42	b	
blue black	43	a	22
red black	44	b	
white brown black	45	a	23
yellow green black	46	b	
grey pink black	47	a	24
red blue black	48	b	
white green black	49	a	25
brown green black	50	b	
white yellow black	51	a	26
yellow brown black	52	b	

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color	stranded cores core N°	twisted core	pairs pair N°
white grey black	53	a	27
grey brown black	54	b	
white pink black	55	a	28
pink brown black	56	b	
white blue black	57	a	29
brown blue black	58	b	
white red black	59	a	30
brown red black	60	b	
black white	61		

Table 2: Abbreviations of colors according to IEC 60757

color german	abbrev. german	color english	abbrev. english
schwarz	SW	black	BK
braun	BR	brown	BN
rot	RT	red	RD
orange	OR	orange	OG
gelb	GE	yellow	YE
grün	GN	green	GN
blau	BL	blue	BU
violett	VI	violet	VT
grau	GR	grey	GY
weiß	WS	white	WH
rosa	RS	pink	PK
gold		gold	GD
türkis	TK	turquoise	TQ
silber		silver	SR
grün-gelb	GNGE	green-yellow	GNYE