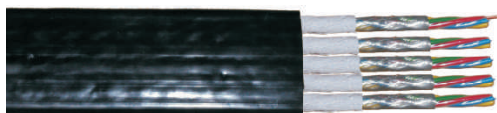




## Flat- and round cables for festoon systems - KYFLCY (EMC-type) PVC-flat cable



### Technical attributes

Standards	DIN VDE 0295/IEC 60228
Conductor material	Cu, bare
Conductor type	flexible
Conductor standard	DIN VDE 0295
Conductor category	5
Insulation	PVC
Core colours	DIN VDE 0293-308 ≤ 5 cores: colour-coded, with/without GN/YE-protection conductor; ≥ 6 cores: black, number-coded, with/without GN/YE-protection conductor
Screening	Cu, tinned
Outer sheath	PVC
Outer sheath colour	black
Temperature range min., mobile operation	-25 °C
Temperature range max., mobile operation	+70 °C
Temperature range min., fixed installation	-40 °C
Temperature range max., fixed installation	+70 °C
Temperature at conductor max.	+70 °C
Short circuit temperature at conductor max.	+150 °C
Nominal voltage U <sub>0</sub> /U	≤ 1 mm <sup>2</sup> : 300/500 V; ≥ 1,5 mm <sup>2</sup> : 450/750 V
Test voltage	≤ 1 mm <sup>2</sup> : 2000 V; ≥ 1,5 mm <sup>2</sup> : 2500 V
Minimum bending radius	10 x cable-Ø
RoHS-compliant	yes

### Description

Applicable as a power and control cable, particularly in hoists, transport equipment, machine tools, cranes and container cranes, etc., with medium mechanical stresses and operationally strong bends in one level. Suitable in dry, humid and wet rooms. No influence by electromagnetic interference due to the Cu-screening.

### Note

PVC-flat cable

- flame-retardant IEC 60332-3-24 category C
- oil-resistant

### Product table

product number	product name	Weight ca. [kg]	Cu-weight [kg_km]	Dimensions H x W ca. [mm]	Outer sheath colour
00807017	KYFLCY-OB 5 x 0,5	119,0	75,00	4,8 x 20,2	black
00807020	KYFLCY-JZ 16 x 1 Bd	565,0	315,00	9,4 x 34,5	black
00807002	KYFLCY-O 4 x 1,5	169,0	91,00	5,4 x 16,6	black
00807004	KYFLCY-J 4 x 1,5	169,0	91,00	5,4 x 16,6	black
00807001	KYFLCY-O 8 x 1,5	382,0	220,00	5,4 x 31,2	black



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PVC-flat cable

product number	product name	Weight ca. [kg]	Cu-weight [kg_km]	Dimensions H x W ca. [mm]	Outer sheath colour
00807005	KYFLCY-J 8 x 1,5	382,0	220.00	5,4 x 31,2	black
00807003	KYFLCY-O 12 x 1,5	560,0	330.00	5,4 x 45,8	black
00807021	KYFLCY-J 12 x 1,5	560,0	330.00	5,4 x 45,8	black
00807006	KYFLCY-J 4 x 2,5	250,0	168.00	6,4 x 19,8	black
00807007	KYFLCY-J 4 x 4	320,0	208.00	7,0 x 22,0	black
00807009	KYFLCY-J 4 x 10	675,0	518.00	9,7 x 31,2	black
00807018	KYFLCY 20 x 0,5 Bd bk	474,0	175.00	8,2 x 37,6	black
00807008	KYFLCY-J 4 x 6	480,0	325.00	7,8 x 25,2	black
00807014	KYFLCY-J 4 x 16	950,0	720.00	10,8 x 36,7	black
00807026	KYFLCY-J 4 x 25	1550,0	1,100.00	13,1 x 44,7	black
00807029	KYFLCY-JB 4 x 35	1860,0	1,510.00	17,6 x 55,2	black
00807031	KYFLCY-J 4 x 50	2,500.00	2,197.00	Auf Anfrage	black
00807030	KYFLCY-J 4 x 95	4,850.00	4,160.00	20,5 x 73,0	black
00807035	KYFLCY-O 7 x 4 x 0,5	710,0	277.00	8,2 x 51,5	black

