



Flat- and round cables for festoon systems - TPR/TPR -halogen-free-halogen-free flat cable

Technical attributes

Standards	adapted to DIN VDE 0250
Conductor material	Cu, bare
Conductor type	Cu-bare
Conductor standard	DIN VDE 0295
Conductor category	5
Core insulation	TPR
Core colours	DIN VDE 0293 ≤ 5 cores: colour-coded, GN/YE-protection conductor; ≥ 6 cores: black, number-coded, GN/YE-protection conductor
Outer sheath	TPR
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
Nominal voltage U ₀ /U	0,6/1 kV
Test voltage	3500 V
Bending radius	5 x cable-Ø
RoHS-compliant	yes

Description

As power and control cables for cable carriers, especially in hoists, transport equipment, machine tools, cranes and container cranes, etc., with medium mechanical stresses and operationally strong bends in one plane, in dry, damp and wet rooms and outdoors. UV, ozone and moisture resistant. Special protection for persons and property by halogen-free materials.

Note

halogen-free flat cable

Product table

product number	product name	Weight ca. [kg]	Cu-weight [kg_km]	Dimensions H x W ca. [mm]	Outer-Ø ca. [mm]	Outer sheath colour
00819001	TPR/TPR -halogen-free-4 G 1,5	130,00	58,00	15,5	4,40	black
00819002	TPR/TPR -halogen-free-8 G 1,5	260,00	115,00	29,0	4,40	black
00819003	TPR/TPR -halogen-free-12 G 1,5	320,00	175,00	41,0	4,40	black
00819004	TPR/TPR -halogen-free-4 G 2,5	190,00	96,00	19,0	5,70	black
00819006	TPR/TPR -halogen-free-8 G 2,5	330,00	190,00	35,0	5,70	black
00819007	TPR/TPR -halogen-free-12 G 2,5	490,00	290,00	51,0	5,70	black



Flat- and round cables for festoon systems - TPR/TPR -halogen-free-
halogen-free flat cable

product number	product name	Weight ca. [kg]	Cu-weight [kg_km]	Dimensions H x W ca. [mm]	Outer-Ø ca. [mm]	Outer sheath colour
00819005	TPR/TPR -halogen-free-4 G 4,0	250,00	154,00	21,0	6,50	black
00819008	TPR/TPR -halogen-free-4 G 6	330,00	230,00	23,5	7,00	black
00819009	TPR/TPR -halogen-free-4 G 10	550,00	380,00	29,0	9,00	black
00819010	TPR/TPR -halogen-free-4 G 16	800,00	610,00	35,0	10,40	black
00819011	TPR/TPR -halogen-free-4 G 25	1350,00	960,00	45,5	13,50	black
00819012	TPR/TPR -halogen-free-4 G 35	1800,00	1340,00	50,5	14,80	black
00819013	TPR/TPR -halogen-free-4 G 50	2400,00	1920,00	56,0	16,50	black
00819014	TPR/TPR -halogen-free-4 G 70	3250,00	2700,00	63,0	18,00	black

