TPE - flexible conductor



Application

Applicable to the cable shoes to the battery and connections between sources of electric current and fixed and mobile consumers.

Technical data

- rated voltage Uo/U: 450 / 750 V
- test voltage Uo/U: 5000 V
- temperature of environment: - 40 °C to + 105 °C
- minimum bending radius : 15D (D - outer cable diameter)
- acc. to RoHS Direktive 2002/95/EC
- acc. to IEC 60332-1 only for wires with insulation TPE Category "Vo" - on request

Cable design

- flexible copper conductors class 5 or 6 according to IEC 60228, section: 25; 35; 50; 70 mm^2
- insulation: special TPE compound; opportunity for category "Vo"

Color of the insulation - on request

Sectional Area of the Conductor	Construction of the Cores	Nominal Radial Thickness of the Insulation	Outer Diameter	Cable Weight	Electrical Resistance
mm^2	n x mm	mm	mm	Kg/km	Ohm/km
25	7x7x16x01,95	2,5	12,7 +/- 0,4	340	0,780
25	19x31x0,230	2,5	12,4 +/- 0,4	340	0,780
35	7x7x22x0,195	2,5	14,0 +/- 0,4	430	0,554
35	19x42x0,230	2,5	13,6 +/- 0,4	430	0,554
50	19x57x0,230	2,7	15,1 +/- 0,4	550	0,386
70	19x50x0,300	2,8	17,5 +/- 0,4	800	0,272

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