



TECHNICAL FEATURES

Operating temperature	-10 °C ÷ +70 °C / laying temp. + 5 °C ÷ +70 °C
Rated voltage	300/500 V or 450/750 V
Testing Voltage	2,0 kV
Current carrying capacity	Acc. to DIN VDE 0295 resp IEC 60228
Conductor material	Bare copper strand Cl.5 > 1,00mm ²
Conductor Class	Class 5 DIN VDE 0295 resp IEC 60228
Core insulation	Thermoplastic material based PVC (quality T12)
Core identification	DIN 47100 < 0,75mm ² / UNEL HD 308 > 0,75mm ²
Outer Sheath material	Thermoplastic material based PVC (quality TM2)
Colour outer sheath	Grey RAL 7035
Printing	Acc. to IMQ standards
Max. temp. of short circuit	150 °C (max. 5 sec)
Min. bending radius	Fixed 4 x cable Ø / mobile 10 x cable Ø
Standards	CEI 20-20 / 20-22 II / 20-29 / 20-34 / CEI 20-35 (EN 60332-1) 20-37 pt.2 (EN 50267) 20-52 35376 - 35377

APPLICATION

Suitable for mobile and fixed installations. In low voltage circuits, signal and control. Particularly suitable for construction sites, trade shows and connections of mobile equipment. Can be laid inside dry or wet rooms and outdoors for temporary use.

SPECIAL FEATURES

Flame retardant CEI 20-35 / EN 60332-1)
Low smoke and reduced corrosive gas emission CEI 20-37 pt.2
Good water and rain resistance
Lead free CEI 20-52

REMARKS

Conform to RoHS
CE acc. to EC Low-Voltage Directive 73/23/EEC and 93/68/EEC.
Customized version on demand
Also available in Halogen-free, screened and armoured

Section	Nom. O.D.	Copper weight	Approx. Cable weight	Section	Nom. O.D.	Copper weight	Approx. Cable weight
mm ²	mm	kg/km	kg/km	mm ²	mm	kg/km	kg/km
Control 300/500V				Installation 450/750V			
2 x 0,75	4,8	14,4	49	2 x 1,00	7,0	19,2	60
3 x 0,75	5,3	21,6	59	3 x 1,00	7,5	28,8	72
4 x 0,75	5,8	28,8	70	4 x 1,00	8,0	38,4	85
5 x 0,75	6,5	36	85	5 x 1,00	9,0	48	105
7 x 0,75	6,8	50,4	107	7 x 1,00	9,5	67,2	135
12 x 0,75	8,6	86,4	191	10 x 1,00	11,4	96	197
19 x 0,75	10,6	136,8	294	12 x 1,00	12,5	115,2	220
25 x 0,75	12,2	180	410				
				2 x 1,50	8,0	28,8	88
				3 x 1,50	8,4	43,2	98
				4 x 1,50	9,0	57,6	130
				5 x 1,50	10,0	72	150
				7 x 1,50	10,40	100,8	200
				10 x 1,50	12,8	144	300
				12 x 1,50	13,8	172,8	320
				2 x 2,50	9,4	48	115
				3 x 2,50	10	72	154
				4 x 2,50	11	96	197
				5 x 2,50	11,5	120	230
				7 x 2,50	12,2	168	300
				2 x 4,00	9,5	76,8	180
				3 x 4,00	10,8	115,2	233
				4 x 4,00	12	153,6	286