



### 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 - 2,5 kV
Current carrying capacity	Acc. to DIN VDE 0295 resp. IEC 60228
Conductor material	Flexible Bare copper
Conductor Class	Class 5 DIN VDE 0295 resp. IEC 60228
Core insulation	Thermoplastic material based PVC (quality TI2)
Core identification	DIN 47100 < 0,75mm <sup>2</sup> / UNEL HD 308 > 0,75mm <sup>2</sup>
Outer Sheath material	Thermoplastic material based PVC (quality TM2)
Colour outer sheath	Grey RAL 7035
Printing	To be defined
Max. temp. of short circuit	150 °C (max. 5 sec)
Min. bending radius	Fixed 4 x cable Ø / mobile 10 x cable Ø

### 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

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

### 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 <sup>2</sup>	mm	kg/km	kg/km	mm <sup>2</sup>	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