Cu/PVC/PVC 70°C

TECHNICAL FEATURES

Operating temperature:	-15 °C ÷ +70 °C / laying temp. -5 °C ÷ +70 °C
Rated voltage:	300/500 V
Testing Voltage	2,0 kV
Current carrying capacity	Acc. to DIN VDE 0295 resp IEC 60228
Conductor material	Bare copper strand
Conductor Class	Class 5 DIN VDE 0295 resp IEC 60228
Core insulation	Thermoplastic material based PVC (quality TI2)
Core identification	Acc. to CEI UNEL 00722 / HD 308 / VDE-0293
Outer Sheath material	Thermoplastic material based PVC (quality TM2)
Colour outer sheath	White, black, other colours on request
Printing	Acc. to HAR standards
Max. temp. of short circuit:	150 °C (max. 5 sec)
Min. bending radius:	Fixed 3 x cable Ø / mobile use 5 x cable Ø
Standards	Harmonized cable <HAR>
	CEI 20-20/5 / 20-35 (EN 60332-1) / 20-52
	CENELEC HD 21.5

APPLICATION

Flexible multi-core cables. For installations in local households, shops and offices and for connecting portable electrical equipment (Office machines, table lamps, hairdryers, radio etc.). For working temperatures within the values indicated. Not allowed to use outdoors for non-domestic portable tools.

SPECIAL FEATURES

Flame retardant CEI 20-35 / EN 60332-1)
Lead free CEI 20-52

REMARKS

Conform to RoHS
CE acc. to EC Low-Voltage Directive 73/23/EEC and 93/68/EEC.
Customized versions on demand

OPTIONS

Cu/PVC 90°C
Cu/LSOH/LSOH Halogen-free

Section mm²	Nom. O.D. mm	Copper weight kg/km	Approx. Cable weight kg/km
2 x 0,75	7,2	14,4	53
2 x 1,00	7,3	19,2	61
2 x 1,50	7,83	28,8	81
2 x 2,50	9,5	48	125
2 x 4,00	12,1	76,8	173
3 G 0,75	7,6	21,6	63
3 G 1,00	7,6	28,8	73
3 G 1,50	8,55	43,2	100
3 G 2,50	9,58	72	157
3 G 4,00	11,66	115,2	216
4 G 0,75	8,3	28,8	76
4 G 1,00	9	38,4	91
4 G 1,50	9,65	57,6	127
4 G 2,50	11,58	96	191
4 G 4,00	12,99	153,6	265
5 G 0,75	9,3	36	96
5 G 1,00	9,8	48	110
5 G 1,50	10,75	72	160
5 G 2,50	12,78	120	238
5 G 4,00	14,89	192	340

ITALICAB the cable specialists

The data and sketches of this technical leaflet are not binding and can be varied as a consequence of modifications and/or improvements deemed necessary by the manufacturer. Tollerances on weights and diameters ± 5%.