

Cu/PVC/PVC 90°C



TECHNICAL FEATURES

Operating temperature	-10 °C ÷ +90 °C / laying temp. +5 °C ÷ +90 °C
Rated voltage	300/500 V
Testing Voltage	2,5 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 special heat resistant
Core identification	Acc. to CEI UNEL 00722 / HD 308 / VDE-0293
Outer Sheath material	Thermoplastic material based PVC special heat resistant
Colour outer sheath	Black or White
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 4 x cable Ø
Standards	Harmionized cable <HAR> CEI 20-20/7 - 20-35 (EN 60332-1) CENELEC HD 21.7 S2

APPLICATION

Heat-resistant flexible round and flat multicore for connecting small electrical appliances, suitable for kitchens, offices for light duties, for light portable appliances (eg. radio sets, table and standard lamps, office machines). Internally in equipment.

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.

Section mm ²	Nom. O.D. mm	Copper weight kg/km	Approx. Cable weight kg/km
2 x 0,75	6,2	14,4	59
2 x 1,00	6,5	19,2	67
2 x 1,50	7,4	28,8	91
2 x 2,50	9,1	48	139
2 x 4,00	10,4	76,8	159
3 G 0,75	6,55	21,6	71
3 G 1,00	6,9	28,8	83
3 G 1,50	8,05	43,2	114
3 G 2,50	9,85	72	175
3 G 4,00	11,25	115,2	244
4 G 0,75	7,2	28,8	88
4 G 1,00	7,75	38,4	104
4 G 1,50	9	57,6	146
4 G 2,50	10,8	96	217
4 G 4,00	12,3	153,6	305
5 G 0,75	8,05	36	114
5 G 1,00	8,45	48	131
5 G 1,50	10,05	72	188
5 G 2,50	12	120	279
5 G 4,00	13,9	192	398

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. Tolerances on weights and diameters ± 5%.

