



2MKABLO

HIFLEX CABLES

2MKABLO HIFLEX CABLE

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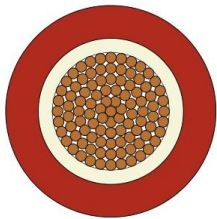
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HIFLEX Cables



Areas of Use

Suitable for flexible use in dry, wet, and oil environments. Assembly lines, conveyor systems, motor car manufacturing, shipbuilding, for manually and automatically operated line and spot welding machines.

Cable Construction	
Conductor	Stranded Annealed Copper (Class 6)
Insulation	PVC (Polyvinyl Chloride)
Outer Sheath	Special NBR PVC (Polyvinyl Chloride), RAL 3000 - Red, RAL – 9005 Black (other colors upon request)

Technical Properties (at 20°C)	
Operating Voltage	0.6 / 1kV
Test Voltage	3.5 kV
Temperature Range	Operating: -30°C...+70°C, Installation: -5°C...+50°C
Conductor Resistance	16 mm² - ≤1.21 Ω/km; 25 mm² - ≤0.78 Ω/km; 35 mm² - ≤0.55 Ω/km; 50 mm² - ≤0.38 Ω/km; 70 mm² - ≤0.27 Ω/km; 95 mm² - ≤0.20 Ω/km; 120 mm² - ≤0.16 Ω/km
Flame Retardancy	IEC 60332-1-2
Min. Bending Radius	8 x Cable Diameter

Cross Section

Configuration (mm²)	Cable Diameter (mm)(±5%)	Copper Weight (kg/km)	Cable Weight (kg/km)
1x16	9,1	147	213
1x25	10,5	219	299
1x35	11,4	307	396
1x50	13,4	449	561
1x70	15,4	638	781
1x95	17,4	829	1005
1x120	19,7	1055	1269