



2MKABLO

WELDING CABLES

2MKABLO SDI WELDING CABLE

2M KABLO

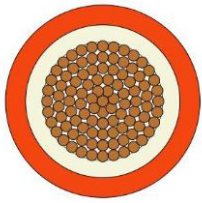
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Welding Cables



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	Special NBR PVC (Polyvinyl Chloride) – Color Natural
Outer Sheath	Special NBR PVC (Polyvinyl Chloride), RAL 2004 - Orange, 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	10 mm² - ≤1.91 Ω/km; 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; 240 mm² - ≤0.08 Ω/km
Flame Retardancy	IEC 60332-1-2
Min. Bending Radius	6 x Cable Diameter

Cross Section

Configuration (mm²)	Nom. Wall Thickness of Insulation (mm)	Nom. Wall Thickness of Sheath (mm)	Cable Diameter (mm)(±5%)	Copper Weight (kg/km)	Cable Weight (kg/km)
1x10	1,0	1,4	8,9	94	165
1x16	1,0	1,4	10,6	147	236
1x25	1,2	1,4	11,8	219	326
1x35	1,2	1,4	12,6	307	423
1x50	1,4	1,6	15,0	449	609
1x70	1,4	1,8	16,9	638	835
1x95	1,6	2,0	19,4	829	1079
1x120	1,6	2,0	21,2	1055	1334
1x240	2,2	2,8	31,3	2112	2679