

## Welding Cables



**2MKABLO**

applicable to life...

**SDI****Application**

Suitable for flexible use in dry, wet and oil environment. Areas: assembly lines, conveyor systems, motor car manufacturing, ship building, for manually and automatically operated line and spot welding machines.

**Cable Construction**

Conductor	Electrolytic / Tinned Annealed Special Copper
Insulation	NBR PVC (Natural)
Sheath	NBR PVC (RAL 2004 Orange), improved flexibility, UV resistant

**Technical and Electrical Properties (20 °C)**

Operating Voltage	0.6 / 1 kV
Test Voltage	3.5 kV
Temperature Rating	-40° C to +70° C
Minimum Bending Radius	6 x Overall Diameter

Size of Conductor (mm <sup>2</sup> )	Stranding	Av. Thickness of Insulation (mm)	Av. Thickness Of sheath (mm)	Approx.Overall Diameter (mm)	Max. conductor Resistance Ω / km	Approx. Cable Weight (kg/km)
10	300x0.20	1.0	1.4	8.80	1.91	153
16	475x0.20	1.0	1.4	10.00	1.21	216
25	725x0.20	1.2	1.4	11.60	0.78	313
35	1015x0x20	1.2	1.4	12.50	0.554	408
50	1344x0.20	1.4	1.6	14.70	0.386	575
70	1920x0.20	1.4	1.8	16.90	0.272	793
95	2688x0.20	1.6	2.0	19.40	0.206	1043
120	3456x0.20	1.6	2.0	21.20	0.161	1296
150	4032x0.20	1.8	2.20	23.00	0.129	1591
185	5184x0.20	2.0	2.60	26.20	0.106	1962
240	6912x0.20	2.2	2.8	31.00	0.0801	2604
300	8640x0.20	2.4	3.0	33.80	0.0641	3214
400	11328x0.20	2.6	3.0	37.80	0.0486	4098