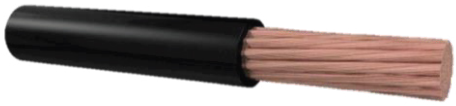
DESIGN

Conductor
Flexible Red Copper

Outer Sheath
TM2 (EN 5036341), Black



APPLICATIONS

For secondary side connection of powers sources for hand or automatic metalarc welding for secondary voltage typical of welding equipment.

CHARACTERISTICS

Nominal Voltage	450/750 V
Test Voltage	2500 V
Operating Temperature	20°C up to 70°C
Short Circuit Temperature	160°C
Self Extinguishing	EN 60332 1 2; IEC 60332 1 2
Minimum Bending Radius	For cables with diameter up to 12mm: 5 times the max. outer diameter in case of non constrained motion and 4 times in case of fixed installation. For cables with greater diameter: 6 times the max. outer diameter in case of non constrained motion and 5 times in case of fixed installation.

DIMENSIONS

Part Number Black Red	Cross Section (mm^2)	Wires Max. Diameter (mm)	Conductor Diameter (mm)	Core Thickness ± 0.1 (mm)	Medium Outer Diameter ± 0.2 (mm)	Electrical Resistance (20°C) (Ω/km)
180001 **180002**	1x16	0.310	5.40	1.80	8.7	1.28
180003 **180004**	1x25	0.310	6.50	1.90	10.3	0.85
180005 **180006**	1x35	0.310	7.60	2.10	12.2	0.58
180007 **180008**	1x50	0.310	9.30	2.20	14.1	0.41
180009 **180010**	1x70	0.310	10.80	2.40	15.6	0.28
180011 **180012**	1x95	0.310	12.50	2.64	17.8	0.21

** The product and information presented in this document are for calculation only and subject to technical progress. Outer diameters are approximately **