WELDING Italiflex

PVC welding/battery cable

TECHNICAL FEATURES

Operating temperature	-30 °C ÷ +70 °C / laying temp. +5 °C ÷ +70 °C
Rated voltage	450/750V
Testing Voltage	2,0 kV
Current carrying capacity	Acc. to DIN VDE 0295 resp IEC 60228
Conductor material	Bare copper strand Ø 0,30 mm
Conductor Class	Class 5 and 6 DIN VDE 0295 resp IEC 60228
Core insulation	Thermoplastic material based PVC Polyvinyl Chloride
Colour outer sheath	Black or Red
Printing	To be defined
Max. temp. of short circuit	160 °C (max. 5 sec)
Min. bending radius	Fixed 4 x cable Ø / mobile use 6 x cable Ø
Standards	Conform to 2006/95/EC - Guideline EC

APPLICATION

PVC insulated welding cable suitable for mobile connection between welding equipment and electrodes or grounding clamps. 450/750 V for fixed installation and suitably protected.

SPECIAL FEATURES

Flame retardant CEI 20-35 / EN 60332-1

REMARKS

Conform to RoHS
CE acc. to EC Low-Voltage Directive 73/23/EEC and 93/68/EEC.
Lead free CEI 20-52

Section mm²	Nom. O.D. mm	Copper weight kg/km	Approx. Cable weight kg/km
10	7,2	96	119
16	8,4	153,6	181
25	10	240	270
35	11,2	336	363
50	13	480	528
70	14,4	672	716
95	17,3	912	1020
120	19,4	1152	1150
150	21,3	1440	1450
185	23,6	1776	1830

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. Tollerances on weights and diameters ± 5%.