

# 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

### 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

CEI 20-35 / EN 60332-1 Flame retardant

### REMARKS

Conform to RoHS  
CE acc. to EC Low-Voltage Directive 73/23/EEC and 93/68/EEC

Section	Nom. O.D.	Copper weight	Approx. Cable weight
mm <sup>2</sup>	mm	kg/km	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