



## WELDING CABLE

### Customization

Customized colour option and printing of the outer sheath on request

### Arc Welding Cable

85°C

RJ 1101



#### Product Description:

The Cable is made from flexible copper wire surrounded by a protective covering that is resistant to flame, heat, oil and abrasions, among other things mechanical abuse.

#### Make Up:

- Superfine strands of annealed bare copper, Bunched
- Separators of Synthetic Foil or Paper.
- Rubber Insulation
- Outer sheath colour, Orange

#### Product features

- Flame retardant
- Good medium resistance
- High resistance to cuts, tears & abrasion
- Resistance to oil, solvents and chemicals
- Works at high temperature constantly, performs equally well lower temperature

#### Technical Data:

- **Based on**  
IS:9857-1990
- **Conductor resistance**  
In accordance with VDE 0295
- **Bending Radius**  
Fixed installed: 12 x outer diameter
- **Rated voltage**  
U0/U: 100/100 V
- **Test voltage**  
6000 V
- **Range of temperature**  
Working Temp: -25 °C up to +85 °C

#### Approvals:



#### Application:

- For the transmission of high currents from the electric welding device to the welding tool
- Secondary voltage resistance welding lead
- Use outdoors or in dry and damp rooms
- Longer life than general purpose

Part number	Conductor in mm	Conductor stranding No. of wires X wire dia. in mm	Thickness of insulation in mm	Current Rating at max duty cycle 20% (Amps.)	Max D.C. Resistance of conductor at 20°C (Ohms/km)	Current (Amps.)	Outer diameter in mm	Weight kg/km approx.
<b>RJ 1101</b>								
1101 00901	16	510 X 0.2	2.0	200	1.210	210	9.8	310
1101 01001	25	800 X 0.2	2.0	279	0.780	300	11.4	375
1101 01101	35	1114 X 0.2	2.0	349	0.554	400	12.8	425
1101 01201	50	708 X 0.3	2.2	440	0.386	500	14.8	600
1101 01301	70	999 X 0.3	2.4	555	0.272	600	17.4	820
1101 01401	95	1351 X 0.3	2.6	669	0.206	800	19.8	1090