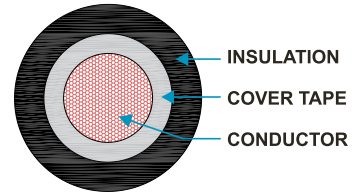




Welding Cables

IS 9857 / BS EN 50525-2-81 / BS 638-4 / DIN VDE 0282



1201 - Welding Cable

Application

Transmission of high currents from the electric welding machine to the welding tool. Assembly lines and conveyor systems, in machine tool and motor car manufacturing, ship building. Manually and automatically operated line and spot welding machines. suitable for flexible use under rugged conditions

Properties

- Heat and oil resistance and fire retardant (HOFR)
- Bending radius : 6 x overall diameter of cable

Construction

- Conductor : Superfine strands of plain copper class-6
- Separator : Polyester tape
- Insulation & sheath : Double elastomeric rubber compound EM5 / E17
- Colour : Black

Technical Parameter

- Voltage rating : 100 V (450 V for non welding applications If suitably protected from Mech. damage)
- Temperature rating : - 20°C to 85°C
- Standards / Specf. : IS : 9857, BS 638P-4, VDE -0282-6

Dimension

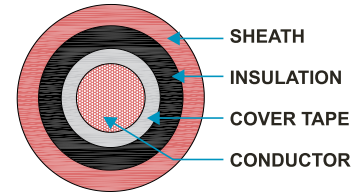
Part code	Cores x Nom	Max. Strand Diameter	Max. CR (Spec)	Nominal	Nominal	Nominal Cable Diameter	Approx Weight
	Cross Sect			Insulation	Sheath		
	Area Sq. mm	(mm)	Ohm/km	Thickness (mm)	Thickness (mm)	mm	kg/km
1201B010100	1x10	0.30	1.91	2.0	1.2	10.6	180
1201B010160	1x16	0.30	1.21	2.0	1.2	11.7	250
1201B010250	1x25	0.30	0.78	2.0	1.4	13.3	350
1201B010350	1x35	0.30	0.554	2.0	1.6	14.	460
1201B010500	1x50	0.30	0.386	2.2	1.8	17.2	650
1201B010700	1x70	0.30	0.272	2.4	2.0	19.6	880
1201B010950	1x95	0.30	0.206	2.6	2.1	22.4	1170
1201B011200	1x120	0.30	0.161	2.8	2.3	24.2	1430
1201B011500	1x150	0.30	0.129	3.0	2.4	26.1	1720





Welding Cables

Insulated & Sheathed



Application

The welding cable is specially designed for the transmission of high currents from the electric welding machine to the welding tool. It is suitable for flexible use under rugged conditions, on assembly lines and conveyor systems.

Properties

- Heat and oil resistance and fire retardant (HOFR)
- Bending radius : 6 x overall diameter of cable

Construction

- Conductor : Superfine strands of plain copper class-6
- Insulation & sheath : Double elastomeric PVC insulation
- Separator : Polyester foil or tape
- Colour : Black

Technical Parameter

- Voltage rating : 100 V (450 V for non welding applications If suitably protected from Mech. damage)
- Temperature rating : - 20°C to 85°C
- Standards / Specf. : IS : 9857

Dimension

Part code	Core x Nominal area (Sq.mm.)	Thickness of Covering (mm)	Approx. overall diameter (mm)	Maximum Resistance at 20°C (ohm/km)	Approx Weight kg/km
1202B010160	1x16	2.0	10	1.21	175
1202B010250	1x25	2.0	12	0.78	245
1202B010350	1x35	2.0	13.7	0.554	350
1202B010500	1x50	2.2	15.3	0.386	440
1202B010700	1x70	2.4	17.3	0.272	640
1202B010950	1x95	2.6	20.5	0.206	860



1202 - Welding Cable