

WELDING CABLES

Welding Cables are suitable for use where combination of ambient temperature and temperature rise due to load results a conductor temperature not exceeding 60 C for general purpose rubber compound and 85 C for HOFR compound cables(Heat resisting ,oil resisting and flame retardant).

Copper conductor: is of annealed high conductivity copper wire complying to IS:8130-1984

Cross section mm ²	No. and approximate diameter of wires No./mm	Thickness of tape mm	Thickness of sheath mm	Approximate outer diameter mm	Approximate weight kg/km
1 x 25 mm	168 x 0.44	0.10	2.0	12.30	326.0
1 x 35 mm	228 x 0.44	0.10	2.0	13.40	430.0
1 x 50 mm	323 x 0.44	0.10	2.0	15.30	575.0
1 x 70 mm	456 x 0.44	0.10	2.2	18.00	779.0
1 x 95 mm	627 x 0.44	0.10	2.2	19.70	935.0
1 x 120 mm	814 x 0.44	0.10	2.2	23.20	1297.0

ELECTRICAL DATA

Cross section mm ²	Maximum resistance at 20°C ohm/km	Current rating at maximum duty cycle of 60% ampere
1 x 25 mm	0.708	169
1 x 35 mm	0.514	215
1 x 50 mm	0.379	264
1 x 70 mm	0.262	330
1 x 95 mm	0.189	405
1 x 120 mm	0.150	473

