

WELDING CABLES

Single Core (Cu/PVC Tape/PVC)

APPLICATION

Easy to use inside visible or embedded piping. Direct burial installation or outdoors in wet environments as well as contact with hot parts in not allowed. It must not to be subject to thermic radiation.

VOLTAGE GRADE

200 V

COLOR

Insulation: (Black)

CONSTRUCTION

Conductor: Flexible, Plain annealed Copper, Class 6 to IEC 60228

Binder (optional): PVC or Non-woven Tape

Insulation: PVC, PVC/A to IEC 60502-1



PHYSICAL DATA						ELECTRICAL DATA	
Nominal cross sectional area of conductor	Shape of Conductor	No. of strands & diameter of wire	Nominal thickness of insulation	Approx. Overall diameter	Approx. weight of cable	Max. D.C resistance of conductor at 20 °C	Current Carrying Capacity at 35°C ambient temp.
Core x mm ²	-	nos./mm	mm	mm	kg/km	W/km	Amp
1 x 25	rm	770/0.20	2.0	12.4	340	0.780	169
1 x 35	rm	1064/0.20	2.0	13.5	440	0.554	215
1 x 50	rm	703/0.30	2.0	15.2	595	0.386	264
1 x 70	rm	988/0.30	2.1	17.4	825	0.272	330
1 x 95	rm	1335/0.30	2.1	19.2	1060	0.206	405
1 x 120	rm	1690/0.3	2.2	21.4	1320	0.161	473
1 x 150	rm	2072/0.30	2.2	22.5	1610	0.129	545
1 x 185	rm	1460/0.40	2.2	25.2	2000	0.106	615
1 x 240	rm	1891/0.40	2.3	27.9	2550	0.0801	730

Current ratings are valid for cables laid under defined conditions at page no. 165. For current ratings at deviated conditions, apply correction factor as given on page no. 165-17

Characteristics

- Operating Temperature -20°C to 70°C
- Maximum Short Circuit 160°C
- Flexible
- Flame Retardant
- Lead free
- Meter Marking

Installation condition

- Industrial Use
- Outdoor Installation
- Open air