



- 1) Stranded Aluminium Conductor
- 2) PVC Insulation
- 3) PVC Filler
- 4) Concentric Copper Conductors
- 5) Copper Tape
- 6) PVC Sheath

TECHNICAL DATA

Permissible operating temperature	: 70 °C
Short circuit temperature	: 160 °C
Test Voltage (AC)	: 4 kV
Installation temperature minimum	: 5 °C
Minimum Bending Radius	: 15xD
Rated Voltage	: 0.6/1kV

USAGE AREAS

Preferably used underground in mains, street lightings and house connections. In case of physical damage provide the circuit safety by turning off line circuit breaker.

Rm : Multi Wire Round Conductor



STANDARD
TS IEC 60502-1



Max. Operating temperature



Short circuit temperature



Test Voltage (AC) 4 kV



Flame retardant IEC 60332-1



Lead-free



Stranded



Solid



Installation temperature min 5°C



In conduit



Outdoor



In concrete



Direct buried



Industrial installations

TECHNICAL DATA

Overall Diameter of Cable (Approx)	Current Carrying Capacity in		Conductor DC Resistance at 20°C	Net Weight (Approx)	Amount of Packing
	Air	Ground			
mm	A	A	ohm / km	kg / km	m
17.30	91	108	1.200/1.150	480	1000
18.30	112	129	0.868/1.150	526	1000
19.90	137	153	0.641/0.727	691	1000
21.50	173	187	0.443/0.524	880	1000
24.00	212	223	0.320/0.387	1132	1000
25.80	247	252	0.253/0.268	1435	1000
27.60	280	280	0.206/0.268	1565	1000
33.90	374	358	0.125/0.153	2545	1000
25.00	91	108	1.200/1.150	900	1000
27.50	112	129	0.868/1.150	1100	1000
32.00	137	153	0.641/0.727	1500	1000
36.00	173	187	0.443/0.524	2000	1000
41.50	212	223	0.320/0.387	2650	1000
45.00	247	252	0.253/0.268	3250	1000
50.00	280	280	0.206/0.268	3850	1000
55.00	321	314	0.164/0.198	7800	500
62.30	374	358	0.125/0.153	6091	500
70.00	426	397	0.100/0.124	7647	500
77.50	488	441	0.0778/0.0991	9600	500