



CABLE MANUFACTURER
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Aluminum PVC Insulated Cable



Description :

Description	Single Core Aluminum Cable
Conductor:	Aluminum Conductor of Class 1/2 (Solid)
Insulation:	PVC Compound
Insulation Color	Red, Blue, Green, Yellow, Brown, Black, Grey, White, Pink, Orange, Yellow/Green
Temperature Range:	-30 - 70°C
Nominal Voltage:	300/500V, 450/750 V
Test Voltage:	2500 V
Minimal Bending Radius:	4D
Standard	IEC 60552

Application :

The product is suitable for power installation, fixed wiring or flexible connection for electrical appliances with rated voltage of 450/750V and below.



Technical Data :

Nominal section	Conductor construction	Max cable diameter	Insulation Thickness	Conductor Max resistance at 20°C	Insulation resistance at 70°C	Reference weight
mm ²	n/mm	mm	mm	≤Ω/km	≤Ω/km	kg/km
1.5	1/1.38	3.3	0,7		0,0100	11
2.5	1/1.78	3.9	0,8	11.8	0,0095	17
4	1/2.55	4.4	0,8	7.39	0,0078	22
6	7/0.85	4.8	0,8	3.08	0,0068	29
10	7/1.35	7	1,0	1.83	0,0065	62
16	7/1.70	8	1,0	1.15	0,0053	78
25	7/2.1	10	1,2	0.73	0,0050	118
35	7/2.5	11.5	1,2	0.52	0,0043	156
50	19/1.78	13	1,4	0.39	0,0042	215
70	19/2.14	15	1,4	0.27	0,0036	282
95	19/2.52	17.5	1,6	0.19	0,0036	385
120	37/2.03	19	1,6	0.15	0,0032	431
150	37/2.25	21	1,8	0.12	0,0032	539
185	37/2.52	23.5	2,0	0.1	0,0032	666
240	61/2.25	26.5	2,2	0.08	0,0031	857
300	61/2.52	29.5	2.4	0.06	0.003	1070
400	61/2.85	33	2.6	0.05	0.0028	1390