

PVC-INSULATED CABLE

450/750V, PVC INSULATED, NON SHEATHED CABLE

transmission of reliability & brightness



APPLICATION

Single core, non-sheathed general purpose cables are installed in surface mounted or embedded Conduits or similar closed systems. The cables are suitable for use in channels with cover, fixed Protection installation in or on lighting fittings and inside appliances, up to 1000V ac or up to 750V to earth, dc.

Conductor:	Single solid wire or circular stranded plain Annealed copper wire acc. To IEC60228 1.5mm ² and 2.5mm ² for class 1 and class 2	Voltage:	450/750V
	Class 2 for 4mm ² and above	Temperature:	Maximum 70°C
Insulation:	PVC (polyvinyl chloride) compound type T11	Main Specification:	MS 2112-3, IEC 60227-3
Colour:	Assorted colours	Testing Voltage:	2500V
		Min. Bending Radius:	4 x OD (<10mm) 6 x OD (≤ 10mm < 25mm) 10 x OD (≥ 25mm)

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1 core
CU/PVC

No. of cores no	Nominal cross- sectional area of conductor mm ²	Number of wires no	Thickness of insulation mm	Thickness of oversheath mm	Approx overall diameter mm	Approx net weight kg/km
1	1.5	1	0.7		2.9	20
1	1.5	7	0.7		3.1	22
1	2.5	1	0.8		3.5	32
1	2.5	7	0.8		3.7	34
1	4	7	0.8		4.3	50
1	6	7	0.8		4.8	70
1	10	7	1.0		6.2	120
1	16	7	1.0		7.2	180
1	25	7	1.2		9.0	280
1	35	19	1.2		10.0	375
1	50	19	1.4		11.9	505
1	70	19	1.4		13.7	715
1	95	19	1.6		16.0	985
1	120	37	1.6		17.6	1220
1	150	37	1.8		19.6	1505
1	185	37	2.0		21.9	1885
1	240	61	2.2		25.0	2460
1	300	61	2.4		28.0	3075
1	400	61	2.6		31.5	3915
1	500	19	2.8		34.7	4915
1	630	127	2.8		38.7	6260