

Single Core Cables Cu/PVC/PVC/AWA/PVC



Single Core Cables
Cu/PVC/PVC/AWA/
PVC
600/1000 V - SINGLE
CORE
COPPER
CONDUCTOR
PVC INSULATED
ALUMINUM WIRE
ARMOURED
PVC SHEATHED
CABLES
(CU/PVC/PVC/AWA/PV
C)

Nominal Area of Conductor	Maximum Conductor Resistance at 20°C	Thickness of Insulation	Thickness of Extruded Bedding	Armour Wire Diameter	Thickness of Outer Sheath	Approx. Overall Diameter	Approx. Cable weight	Standard Packing Length	Drum Size	Approx. Gross weight
Sqmm	Ohm/Km	mm	mm	mm	mm	mm	Kg/km	meter ± 10%		Kg
50*	0.387	1.4	1.0	1.25	1.8	19.9	820	500	D-10	470
70*	0.268	1.4	1.0	1.25	1.8	21.5	1060	500	D-10	590
95*	0.193	1.6	1.0	1.25	1.8	23.8	1380	500	D-11	790
120	0.153	1.6	1.0	1.6	1.8	26.0	1690	500	D-12	955
150	0.124	1.8	1.0	1.6	1.8	27.8	2030	500	D-12	1125
185	0.0991	2.0	1.0	1.6	1.8	29.8	2420	500	D-12	1320
240	0.0754	2.2	1.0	1.6	1.9	32.9	3050	500	D-16	1740
300	0.0601	2.4	1.0	2.0	2.0	36.3	3800	500	D-16	2110
400	0.0470	2.6	1.2	2.0	2.1	40.2	4810	500	D-18	2650
500	0.0366	2.8	1.2	2.0	2.2	43.8	5920	500	D-18	3200
630	0.0283	2.8	1.2	2.0	2.4	49.8	7420	250	D-16	2065
800	0.0221	2.8	1.4	2.5	2.5	55.4	9500	250	D-18	2610
1000	0.0176	3.0	1.4	2.5	2.7	61.6	11880	250	D-18	3215

All the Cables are insulated with either PVC Type 5 Heat Resisting 85°C compound and sheathed with PVC

Type 9/ST2 compound OR PVC type A/TI1 compound and sheathed with PVC Type ST1/TM1 compound.

Colour of insulation and sheath black.

All Cables conform to IEC 60502 - 1.

