



S.M.C

**Multicore Cables for Street Lighting Cu/PVC/PVC 600/1000 V –
MULTICORE CABLES FOR STREET LIGHTING
COPPER CONDUCTOR PVC INSULATED
PVC SHEATHED CABLES (CU/PVC/PVC)**



Cable Details	Nominal Area of Conductor		Maximum Conductor Resistance at 20°C		Thickness of Insulation		Thickness of Outer Sheath	Approx. Overall Diameter	Approx. Cable Weight	Standard Packing Length	Drum Size	Approx. Gross Weight
	Phase	Neutral & Earth	Phase	Neutral & Earth	Phase	Neutral & Earth						
	Sqmm		Ohm/Km		mm		mm	mm	Kg/Km	Meter ±5%		Kg
2x16+1 x10	16	10	1.15	1.83	1.0	1.0	1.8	19.9	735	1000	D-12	830
3x25+2 x16	25	16	0.727	1.15	1.2	1.0	1.8	28.3	1620	500	D-12	920
3x35+2 x16	35	16	0.524	1.15	1.2	1.0	1.9	32.0	2070	500	D-14	1190
Cable Details	Nominal Area of Conductor		Max. Conductor Resistance at 20°C		Thickness of Insulation		Thickness of Outer Sheath	Approx. Overall Diameter	Approx. Cable Weight	Standard Packing Length	Drum Size	Approx. Gross Weight
	Sqmm		Ohm/Km		mm		mm	mm	Kg/Km	Meter ±5%		Kg
5x1.5*	1.5		12.1		0.7		1.8	12.7	230	1000	D-9	290
5x1.5*	1.5		12.1		0.7		1.8	13.2	240	1000	D-9	300
5x2.5*	2.5		7.41		0.8		1.8	13.8	290	1000	D-10	350
5x2.5*	2.5		7.41		0.8		1.8	14.9	325	1000	D-10	385
5x4	4		4.61		0.8		1.8	16.2	420	1000	D-11	520
5x6	6		3.08		0.8		1.8	17.8	545	1000	D-12	655
5x10	10		1.83		1.0		1.8	20.8	835	500	D-10	480
5x16	16		1.15		1.0		1.8	23.8	1170	500	D-11	685
5x25	25		0.727		1.2		1.9	26.2	1630	500	D-12	925
5x35	35		0.524		1.2		2.0	31.5	2310	500	D-14	1310



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* Circular solid conductors (Class 1).

All other conductors circular stranded (Class 2).

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 T1/TM1 compound.

Cables conform generally to IEC 60502 - 1.