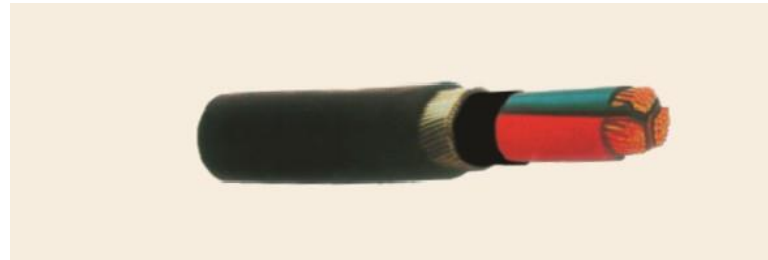




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Three Core Cables Cu/PVC/PVC/SWA/ PVC &
 Cu/PVC/SWA/PVC 600/1000 V - THREE CORE
 COPPER CONDUCTOR PVC INSULATED STEEL WIRE
 ARMoured PVC SHEATHED CABLES
 (CU/PVC/PVC/SWA/PV C AND CU/PVC/SWA/PVC)



Nominal Area of Conductor	Maximum Conductor Resistance at 20°	Thickness of Insulation	Thickness of Bedding		Diameter of Armor Wire	Thickness of Outer Sheath	Approx. Overall Diameter		Approx. Cable Weight		Standard Packing Length	Drum size	Approx. Gross Weight	
			Extruded Bedding	Lapped Bedding			Extruded Bedding	Lapped Bedding	Extruded Bedding	Lapped Bedding			Extruded Bedding	Lapped Bedding
Sqmm	Ohm/Km	mm	mm		mm	mm	mm		Kg/Km		Meter± 5 %		kg	
1.5*	12.1	0.7	0.8	-	0.9	1.4	13.3	-	340	-	1000	D-10	400	-
1.5	12.1	0.7	0.8	-	0.9	1.4	13.7	-	355	-	1000	D-10	415	-
2.5*	7.41	0.8	0.8	-	0.9	1.4	14.6	-	415	-	1000	D-10	475	-
2.5	7.41	0.8	0.8	-	0.9	1.4	15.0	-	435	-	1000	D-10	495	-
4	4.61	0.8	0.8	-	0.9	1.4	16.1	-	515	-	1000	D-11	615	-
6	3.08	0.8	0.8	-	1.25	1.5	18.3	-	720	-	1000	D-12	830	-
10	1.83	1.0	0.8	-	1.25	1.6	20.9	-	960	-	1000	D-12	1070	-
16	1.15	1.0	0.8	-	1.25	1.6	23.2	-	1240	-	1000	D-14	1390	-
25	0.727	1.2	1.0	0.8	1.6	1.7	25.6	24.5	1670	1550	500	D-12	945	858
35	0.524	1.2	1.0	0.8	1.6	1.8	28.1	27.0	2050	1920	500	D-12	1140	1070
50	0.387	1.4	1.0	0.8	1.6	1.9	31.9	30.8	2610	2460	500	D-14	1460	1380
70	0.268	1.4	1.2	0.8	2.0	2.0	35.5	34.0	3570	3360	500	D-16	2030	1890
95	0.193	1.6	1.2	0.8	2.0	2.1	40.3	38.8	4590	4360	500	D-18	2540	2420
120	0.153	1.6	1.2	0.8	2.0	2.2	43.5	42.0	5480	5230	500	D-18	2980	2860
150	0.124	1.8	1.4	0.8	2.5	2.4	47.8	45.9	6940	6600	500	D-19	3790	3620
185	0.0991	2.0	1.4	0.8	2.5	2.5	52.3	50.4	8270	7900	250	D-18	2310	2220



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240	0.0754	2.2	1.6	0.8	2.5	2.6	59.0	56.7	10330	9870	250	D-18	2820	2710
300	0.0601	2.4	1.6	0.8	2.5	2.8	63.7	61.4	12480	11950	250	D-18	3360	3230
400	0.0470	2.6	1.6	0.8	2.5	3.0	71.1	68.8	15560	14970	200	D-19	3430	3310
500	0.0366	2.8	1.8	0.8	3.15	3.6	78.8	76.1	19910	19130	200	D-19	4300	4150

* Circular solid conductor (Class 1).

Conductor including 16 Sqmm circular stranded (Class 2).

25 Sqmm and above shaped stranded conductors (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 ST1/TM1 compound.

Drum size given above are for Cables with extruded bedding

Cables up to 400 Sqmm conform to BS 6346.

500 Sqmm Cable conforms to IEC 60502 - 1.