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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	mm	Kg/Km	Meter±5%		kg			
1.5*	12.1	0.8	1.0	-	0.9	1.8	14.9	-	400	-	1000	D-10	460	-
1.5	12.1	0.8	1.0	-	0.9	1.8	15.3	-	420	-	1000	D-11	520	-
2.5*	7.41	0.8	1.0	-	0.9	1.8	15.8	-	460	-	1000	D-11	560	-
2.5	7.41	0.8	1.0	-	0.9	1.8	16.2	-	480	-	1000	D-11	580	-
4	4.61	1.0	1.0	-	1.25	1.8	18.9	-	705	-	1000	D-12	815	-
6	3.08	1.0	1.0	-	1.25	1.8	20.1	-	820	-	1000	D-12	930	-
10	1.83	1.0	1.0	-	1.25	1.8	22.3	-	1030	-	1000	D-14	1180	-
16	1.15	1.0	1.0	-	1.25	1.8	24.5	-	1300	-	1000	D-14	1450	-
25	0.727	1.2	1.0	0.8	1.6	1.8	25.8	24.7	1680	1590	500	D-12	950	905
35	0.524	1.2	1.0	0.8	1.6	1.8	28.1	27.0	2050	1950	500	D-12	1140	1085
50	0.387	1.4	1.0	0.8	1.6	2.0	32.1	31.0	2630	2485	500	D-14	1470	1395
70	0.268	1.4	1.2	0.8	2.0	2.1	35.7	34.2	3590	3385	500	D-16	2005	1905
95	0.193	1.6	1.2	0.8	2.0	2.2	40.5	39.0	4610	4380	500	D-18	2545	2430
120	0.153	1.6	1.2	0.8	2.0	2.3	43.7	42.2	5500	5280	500	D-18	2990	2880
150	0.124	1.8	1.4	0.8	2.5	2.5	48.0	46.1	6900	6625	500	D-19	3770	3630
185	0.0991	2.0	1.4	0.8	2.5	2.7	52.7	50.8	8300	7960	250	D-18	2315	2230



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240	0.0754	2.2	1.6	0.8	2.5	2.9	59.6	57.3	10380	9985	250	D-18	2835	2735
300	0.0601	2.4	1.6	0.8	2.5	3.1	64.3	62.0	12540	12025	250	D-19	3455	3325
400	0.0470	2.6	1.6	0.8	3.15	3.4	73.2	70.9	16280	15805	200	D-19	3580	3480
500	0.0366	2.8	1.8	0.8	3.15	3.6	78.8	76.1	19910	19065	200	D-19	4300	4135

* 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 conforms to IEC 60502 - 1.