

300/500 VOLTS - 450/750 VOLTS SHEATHED CABLES

WITH RIGID OR FLEXIBLE COPPER CONDUCTORS - NO OF CONDUCTORS 2,3,4

Number of cores X cross-sectional area	Thickness of insulation	Mean overall diameterΦ	Net weight approx	Max resistance DC at 20°C	Max resistance AC at 70°C	Current carrying capacity			Voltage drop at 50HZ
						Ground at 35°C	DUCT	Air at 40°C	COS. φ 0.8
mm ²	mm	mm	kg/km	Ω/KM	Ω/KM	Amp	Amp	Amp	V/A/KM
TWO CORES									
300/500 V - CODE DESIGNATION 60227 IEC52 IEC53 IEC56									
2x0.5	0.6	5.7	40	36	41.4	2	2	2	66.367
2x0.75	0.6	6.4	50	24.5	28.3	11	10	9	45.410
2x1	0.6	7	65	18.1	22.8	14	13	12	36.607
450/750 V - CODE DESIGNATION 60227 IEC10									
2X1.5	0.7	7.5	80	12.1	14.5	24	19	20	23.320
2X2	0.8	8	95	9.15	10.9	27	21	23	17.559
2X2.5	0.8	9.5	130	7.41	8.9	30	25	28	14.309
2x3	0.8	10	150	6.1	7.41	37	28	33	11.968
2X4	0.8	11	180	4.61	5.51	41	33	40	8.925
2X6	0.8	13	275	3.08	3.68	51	40	50	5.991
2X10	1	17	440	1.83	2.18	68	55	65	3.588
2X16	1	19	620	1.15	1.38	87	68	90	2.306
2X25	1.2	23	945	0.727	0.870	112	87	115	1.487
2X35	1.2	26.5	1250	0.524	0.627	135	105	145	1.095

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THREE CORES									
300/500 V - CODE DESIGNATION 60227 IEC52 IEC53 IEC56									
3x0.5	0.6	6.2	50	36	41.4	2	2	2	66.367
3x0.75	0.6	6.9	65	24.5	28.3	11	10	9	45.410
3x1	0.6	7.6	80	18.1	22.8	14	13	12	36.607
450/750 V - CODE DESIGNATION 60227 IEC10									
3X1.5	0.7	8.1	100	12.1	14.5	21	18	19	23.320
3x2	0.8	8.6	127	9.15	10.9	26	20	21	17.559
3X2.5	0.8	10.3	160	7.41	8.87	27	23	24	14.309
3x3	0.8	10.8	200	6.1	7.41	33	28	29	11.968
3X4	0.8	11.9	225	4.61	5.51	35	30	32	8.925
3X6	0.8	14.0	370	3.08	3.68	45	36	40	5.991
3X10	1	18.4	550	1.83	2.18	60	48	53	3.588
3X16	1	20.5	788	1.15	1.38	78	65	72	2.306
3X25	1.2	24.8	1210	0.727	0.870	100	83	87	1.487
3X35	1.2	28.6	1600	0.524	0.627	125	100	105	1.095

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mm ²	mm	mm	kg/km	Ω/KM	Ω/KM	Amp	Amp	Amp	V/A/KM
FOUR CORES									
300/500 V - CODE DESIGNATION 60227 IEC52 IEC53 IEC56									
4x0.5	0.6	6.9	66	36	41.4	2	2	2	66.367
4x0.75	0.6	7.7	85	24.5	28.3	11	10	9	45.410
4x1	0.6	8.4	105	18.1	22.8	14	13	12	36.607
450/750 V - CODE DESIGNATION 60227 IEC10									
4X1.5	0.7	9.1	130	12.1	14.5	21	18	19	23.320
4x2	0.8	9.7	155	9.15	10.9	26	20	21	17.559
4X2.5	0.8	11.5	195	7.41	8.87	27	23	24	14.309
4X3	0.8	12.1	245	6.1	7.41	33	28	29	11.968
4X4	0.8	13.3	280	4.61	5.51	35	30	32	8.925
4X6	0.8	15.7	453	3.08	3.68	45	36	40	5.991
4X10	1	20.5	680	1.83	2.18	60	48	53	3.588
4X16	1	22.9	980	1.15	1.38	78	65	72	2.306
4X25	1.2	27.8	1520	0.727	0.870	100	83	87	1.487
4X35	1.2	32.0	2110	0.524	0.627	125	100	105	1.095