



Twisted Overhead Cable Technical Parameters

Product Type	Cross-section area	No. & dia. of wires	Thickness of insulation	Diameter of conductor	Overall cable diameter	Weight calculation	Resistance of conductor at 20°C
	mm ²	mm	mm	mm	mm	kg/km	Ω/km
ABC 4*16	16	7/1.70	1.07	7.29	17.65	277	1.91
ABC 4*25	25	7/2.14	1.07	8.51	20.59	401	1.2
ABC 4*35	35	7/2.52	1.07	9.56	23.12	527	0.868
ABC 4*50	50	7/3.00	1.25	11.28	27.3	740	0.641
ABC 4*70	70	19/2.14	1.25	12.84	8.31	979	0.443
ABC 4*95	95	19/2.52	1.43	14.99	36.28	1344	12.32
ABC 4*120	120	19/2.85	1.43	16.51	39.95	1671	0.253
ABC 4*150	150	19/3.15	1.43	17.89	43.29	2000	0.206



Product Type (ABC Cable)	Number & diameter of wires		Insulation Material	Insulation thickness	Approx overall diameter	Approx weight
	Phase (compacted Al)	Neutral (alloy)				
mm ²	No./mm	No./mm		mm	mm	kg/km
1*16+1*16	7/1.72	7/1.72	XLPE(HDPE)	1.2	12.5	110.1
1*25+1*25	7/2.15	7/2.15		1.2	14.9	163.9
1*35+1*35	7/2.54	7/2.54		1.4	17.5	229
1*50+1*50	7/2.92	7/2.92		1.4	20.1	300
1*70+1*70	19/2.15	19/2.15		1.4	23.6	423.2
1*95+1*95	19/2.54	19/2.54		1.6	27.6	585.4
2*16+2*16	7/1.72	7/1.72		1.2	14.2	175.8
2*25+1*25	7/2.15	7/2.15		1.2	16.7	258.4
2*35+1*35	7/2.54	7/2.54		1.4	19.7	361.2
2*50+1*50	7/2.92	7/2.92		1.4	22.5	472.1
2*70+1*70	19/2.15	19/2.15		1.4	26.1	658.3
2*95+1*95	19/2.54	19/2.54		1.6	30.5	908.2
3*16+1*16	7/1.72	7/1.72		1.2	16.3	241.5
3*25+1*25	7/2.15	7/2.15		1.2	19.1	353.6
3*35+1*35	7/2.54	7/2.54		1.4	22.5	493.5
3*50+1*50	7/2.92	7/2.92		1.4	25.7	644.1
3*70+1*70	19/2.15	19/2.15		1.4	29.7	895.2
3*95+1*95	19/2.54	19/2.54		1.6	34.6	1233.5