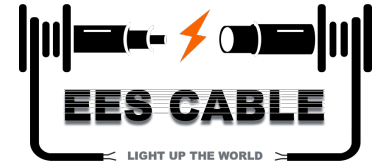


# ASTM Standard

## Concentric Cable Low Voltage



### ASTM Standard

No. of cores Nominal cross section	Conductor		Thickness of Insulation	Concentric Neutral conductor		Thickness of Sheath	Approx. overall Dia.	Max. DC resistance of conductor at 20°C	
	AWG	No.	Dia. mm	No.	Dia. mm	mm	mm	Ω/km (Phase)	Ω/km (Neutral)
<b>Copper Conductor (ASTM Standard)</b>									
2X #12	7	0.78	1.14	39	0.321	1.14	7.74	5.43	5.5
2X #10	7	0.98	1.14	25	0.511	1.14	8.72	3.41	3.5
2X #8	7	1.23	1.14	25	0.643	1.14	9.74	2.14	2.2
2X #6	7	1.55	1.14	25	0.813	1.14	11.04	1.35	1.4
2X #4	7	1.96	1.14	26	1.02	1.14	12.68	0.848	0.85
3X #8	7	1.23	1.14	65	0.405	1.14	11.3X17.3	2.14	2.2
3X #6	7	1.55	1.14	65	0.511	1.52	13.2X20.2	1.35	1.4
3X #4	7	1.96	1.14	65	0.643	1.52	14.7X22.9	0.848	0.85
3X #2	7	2.47	1.14	65	0.823	1.52	16.6X26.3	0.524	0.53
<b>8000 Aluminum Alloy Conductor (ASTM Standard)</b>									
2X #12	7	0.78	1.14	39	0.321	1.14	7.74	8.88	8.9
2X #10	7	0.98	1.14	25	0.511	1.14	8.72	5.59	5.6
2X #8	7	1.23	1.14	25	0.643	1.14	9.74	3.52	3.6
2X #6	7	1.55	1.14	25	0.813	1.14	11.04	2.21	2.3
2X #4	7	1.96	1.14	26	1.02	1.14	12.68	1.39	1.4
3X #8	7	1.23	1.14	65	0.405	1.14	11.3X17.3	3.52	3.6
3X #6	7	1.55	1.14	65	0.511	1.52	13.2X20.2	2.21	2.3
3X #4	7	1.96	1.14	65	0.643	1.52	14.7X22.9	1.39	1.4
3X #2	7	2.47	1.14	65	0.823	1.52	16.6X26.3	0.88	0.89