

PHYSICAL AND ELECTRICAL PROPERTIES

No. of core	Nom. cross section	Conductor		Insulation thickness	Sheath thickness	Approx. overall diameter	Approx. cable weight		Resistance at 20°C		AC Voltage Test	Current carrying capacity in air 30°C	Short circuit current at 1 sec.	Standard length
		No./dia. of wire	Outer diameter				PVC sheath	PE sheath	Conductor	Insulation				
	mm ²	n/mm	mm	mm	mm	mm	kg/km	kg/km	ohm/km	M.ohm.km	kV/1 min.	A	kA	m
2	1.5	7/0.50	1.5	0.8	1.5	9.4	99	82	12.1	2500	2	25	0.17	500
	2.5	7/0.67	2.01	0.8	1.5	10.4	132	113	7.411	2500	2	31	0.29	500
	4	7/0.85	2.55	0.8	1.5	11.5	174	153	4.611	2500	2	44	0.46	500
	6	7/1.04	3.12	1.0	1.5	13.4	242	216	3.088	2500	2	57	0.69	500
	10	7/1.35	4.05	1.0	1.5	15.3	346	316	1.833	2000	2	73	1.15	500
	16	7/1.70	5.1	1.0	1.5	17.4	489	455	1.155	1500	2	103	1.84	500
	25	7/2.14	6.42	1.2	1.5	20.8	730	688	0.727	1500	2	138	2.88	500
3	1.5	7/0.50	1.5	0.8	1.5	9.8	119	101	12.1	2500	2	22	0.17	500
	2.5	7/0.67	2.01	0.8	1.5	10.9	164	143	7.411	2500	2	28	0.29	500
	4	7/0.85	2.55	0.8	1.5	12.1	221	198	4.611	2500	2	37	0.46	500
	6	7/1.04	3.12	1.0	1.5	14.2	310	283	3.088	2500	2	50	0.69	500
	10	7/1.35	4.05	1.0	1.5	16.2	455	423	1.833	2000	2	62	1.15	500
	16	7/1.70	5.1	1.0	1.5	18.5	655	618	1.155	1500	2	87	1.84	500
	25	7/2.14	6.42	1.2	1.5	22.2	988	944	0.727	1500	2	116	2.88	500
4	1.5	7/0.50	1.5	0.8	1.5	10.6	144	124	12.1	2500	2	22	0.17	500
	2.5	7/0.67	2.01	0.8	1.5	11.9	201	179	7.411	2500	2	28	0.29	500
	4	7/0.85	2.55	0.8	1.5	13.2	275	250	4.611	2500	2	37	0.46	500
	6	7/1.04	3.12	1.0	1.5	15.5	390	359	3.088	2500	2	50	0.69	500
	10	7/1.35	4.05	1.0	1.5	17.8	577	542	1.833	2000	2	62	1.15	500
	16	7/1.70	5.1	1.0	1.5	20.3	838	797	1.155	1500	2	87	1.84	500
	25	7/2.14	6.42	1.2	1.6	24.6	1284	1230	0.727	1500	2	116	2.88	500

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		No./dia. of wire	Outer diameter				PVC sheath	PE sheath	Conductor	Insulation				
		mm ²	n/mm				mm	mm	mm	kg/km				
5	1.5	7/0.50	1.5	0.8	1.5	11.5	170	149	12.1	2500	2	22	0.17	500
	2.5	7/0.67	2.01	0.8	1.5	12.9	241	216	7.411	2500	2	28	0.29	500
	4	7/0.85	2.55	0.8	1.5	14.4	332	304	4.611	2500	2	37	0.46	500
	6	7/1.04	3.12	1.0	1.5	17.0	473	440	3.088	2500	2	50	0.69	500
	10	7/1.35	4.05	1.0	1.5	19.5	705	667	1.833	2000	2	62	1.15	500
	16	7/1.70	5.1	1.0	1.6	22.5	1039	991	1.155	1500	2	87	1.84	500
6	1.5	7/0.50	1.5	0.8	1.5	12.5	198	175	12.1	2500	2	22	0.17	500
	2.5	7/0.67	2.01	0.8	1.5	14.0	282	255	7.411	2500	2	28	0.29	500
	4	7/0.85	2.55	0.8	1.5	15.6	391	361	4.611	2500	2	37	0.46	500
	6	7/1.04	3.12	1.0	1.5	18.5	560	523	3.088	2500	2	50	0.69	500
	10	7/1.35	4.05	1.0	1.5	21.3	839	796	1.833	2000	2	62	1.15	500
	16	7/1.70	5.1	1.0	1.6	24.7	1238	1185	1.155	1500	2	87	1.84	500
7	1.5	7/0.50	1.5	0.8	1.5	12.5	203	179	12.1	2500	2	22	0.17	500
	2.5	7/0.67	2.01	0.8	1.5	14.0	294	267	7.411	2500	2	28	0.29	500
	4	7/0.85	2.55	0.8	1.5	15.6	412	381	4.611	2500	2	37	0.46	500
	6	7/1.04	3.12	1.0	1.5	18.5	591	554	3.088	2500	2	50	0.69	500
	10	7/1.35	4.05	1.0	1.5	21.3	896	853	1.833	2000	2	62	1.15	500
8	1.5	7/0.50	1.5	0.8	1.5	13.4	228	202	12.1	2500	2	22	0.17	500
	2.5	7/0.67	2.01	0.8	1.5	15.1	331	301	7.411	2500	2	28	0.29	500
	4	7/0.85	2.55	0.8	1.5	16.9	466	432	4.611	2500	2	37	0.46	500
	6	7/1.04	3.12	1.0	1.5	20.1	669	629	3.088	2500	2	50	0.69	500
	10	7/1.35	4.05	1.0	1.6	23.3	1027	977	1.833	2000	2	62	1.15	500

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		No./dia. of wire	Outer diameter				PVC sheath	PE sheath	Conductor	Insulation				
	mm ²	n/mm	mm	mm	mm	mm	kg/km	kg/km	ohm/km	Mohm/km	kV/1 min.	A	kA	m
10	1.5	7/0.50	1.5	0.8	1.5	15.6	288	258	12.1	2500	2	22	0.17	500
	2.5	7/0.67	2.01	0.8	1.5	17.6	420	385	7.411	2500	2	28	0.29	500
	4	7/0.85	2.55	0.8	1.5	19.8	592	552	4.611	2500	2	37	0.46	500
	6	7/1.04	3.12	1.0	1.6	23.8	865	813	3.088	2500	2	50	0.69	500
	10	7/1.35	4.05	1.0	1.7	27.8	1321	977	1.833	2000	2	62	1.15	500
12	1.5	7/0.50	1.5	0.8	1.5	16.0	327	295	12.1	2500	2	22	0.17	500
	2.5	7/0.67	2.01	0.8	1.5	18.1	481	445	7.411	2500	2	28	0.29	500
	4	7/0.85	2.55	0.8	1.5	20.4	684	643	4.611	2500	2	37	0.46	500
	6	7/1.04	3.12	1.0	1.6	24.6	1001	948	3.088	2500	2	50	0.69	500
	10	7/1.35	4.05	1.0	1.7	28.7	1540	1473	1.833	2000	2	62	1.15	500
15	1.5	7/0.50	1.5	0.8	1.5	17.3	391	357	12.1	2500	2	22	0.17	500
	2.5	7/0.67	2.01	0.8	1.5	19.6	581	542	7.411	2500	2	28	0.29	500
	4	7/0.85	2.55	0.8	1.5	22.0	831	787	4.611	2500	2	37	0.46	500
	6	7/1.04	3.12	1.0	1.7	26.8	1234	1172	3.088	2500	2	50	0.69	500
	10	7/1.35	4.05	1.0	1.8	31.3	1901	1824	1.833	2000	2	62	1.15	500
20	1.5	7/0.50	1.5	0.8	1.5	19.2	488	449	12.1	2500	2	22	0.17	500
	2.5	7/0.67	2.01	0.8	1.5	21.8	734	690	7.411	2500	2	28	0.29	500
	4	7/0.85	2.55	0.8	1.6	24.8	1071	1017	4.611	2500	2	37	0.46	500
	6	7/1.04	3.12	1.0	1.9	30.5	1601	1523	3.088	2500	2	50	0.69	500
30	1.5	7/0.50	1.5	0.8	1.6	23.2	715	665	12.1	2500	2	22	0.17	500
	2.5	7/0.67	2.01	0.8	1.7	26.7	1097	1035	7.411	2500	2	28	0.29	500
	4	7/0.85	2.55	0.8	1.8	30.4	1600	1526	4.611	2500	2	37	0.46	500