

JRLX/T (ACOM/TW) Podstawowe Parametry przewodów z rdzeniem kompozytowym

Specyfikacja mm ²	śr.rdzienia mm	śr. zewnątrzna mm	ilość żył alum.	powierzchnia sekcji aluminium mm ²	całkowita powierzchnia przewodu mm ²	siła zrywania nie mniej niż kN	waga kg/km	20°C rezystancja nie więcej niż Ω /km	rozszerzalność liniowa ×10 ⁻⁶ 1/°C		moduł sprężystości GPa	
									nie więcej niż 80°C	więcej niż 80°C	nie więcej niż 80°C	więcej niż 80°C
150/28	5.97	15.60	15	150.0	178.0	67.4	466	0.1864	12.5	1.6	68	117
185/28	5.97	17.10	15	185.0	213.0	68.5	563	0.1518	12.5	1.6	67	117
218/28	5.97	18.29	16	218.3	246.3	72.7	654	0.1279	12.9	1.6	65	117
240/28	5.97	19.00	16	240.0	268.0	74.8	700	0.1165	12.9	1.6	64	117
310/40	7.11	21.78	16	309.5	349.5	103.0	927	0.0902	13.0	1.6	65	117
350/40	7.11	23.00	16	350.0	390.0	106.1	1018	0.0798	13.0	1.6	64	117
360/47	7.75	23.55	18	361.2	408.2	122.0	1083	0.0773	12.8	1.6	65	117
380/47	7.75	24.40	18	380.0	427.0	124.2	1133	0.0736	12.8	1.6	65	117
540/47	7.75	28.20	36	540.0	587.0	134.1	1570	0.0518	13.0	1.6	63	117
413/52	8.13	25.14	19	413.4	465.4	135.0	1236	0.0676	13.0	1.6	65	117
455/52	8.13	26.00	19	455.0	507.0	138.4	1352	0.0614	13.0	1.6	65	117
480/52	8.13	26.40	22	481.0	533.0	140.0	1421	0.0582	13.0	1.6	65	117
530/60	8.76	27.70	36	530.0	590.2	162.2	1568	0.0527	13.0	1.6	65	117
620/60	8.76	30.41	36	619.0	679.3	165.0	1824	0.0453	14.0	1.6	64	117
800/60	8.76	34.17	39	796.4	856.7	183.0	2310	0.0351	14.0	1.6	63	117
517/71	9.50	28.14	22	516.7	587.5	182.0	1556	0.0541	12.5	1.6	66	117
600/71	9.50	30.20	36	600.0	670.9	187.0	1791	0.0466	13.0	1.6	65	117
1000/75	9.78	38.20	56	995.9	1071.0	228.0	2911	0.0283	14.0	1.6	63	117
1135/80	10.03	40.69	56	1135.8	1214.8	244.0	3308	0.0248	14.0	1.6	62	117

JRLX/T (ACOM/TW) Lista podstawowych przewodów z rdzeniem kompozytowym

Specyfikacja	60°C	80°C	100°C	120°C	140°C	160°C	180°C
150/28	332	467	565	644	711	772	827
185/28	375	531	644	735	813	883	946
218/28	412	587	713	815	902	980	1051
240/28	435	622	756	864	957	1040	1116
310/40	507	731	892	1022	1134	1235	1326
350/40	544	789	964	1105	1227	1336	1436
360/47	555	806	986	1131	1256	1368	1471
380/47	573	834	1021	1172	1303	1419	1526
540/47	697	1030	1266	1458	1623	1771	1908
413/52	600	877	1074	1234	1372	1495	1608
455/52	632	927	1137	1307	1453	1584	1705
480/52	652	957	1174	1351	1502	1638	1763
530/60	688	1014	1246	1435	1597	1742	1876
620/60	753	1121	1382	1594	1776	1940	2091
800/60	866	1305	1616	1869	2087	2283	2464
517/71	683	1009	1240	1427	1589	1734	1867
600/71	734	1084	1333	1535	1709	1865	2008
1000/75	974	1487	1850	2145	2400	2630	2843
1135/80	1043	1605	2002	2326	2606	2859	3093

Warunki projektowania: temperatura otoczenia 30 °C, prędkość wiatru 0,5 m / s, współczynnik promieniowania 0.9, współczynnik absorpcji 0,9 Natężenie oświetlenia 1000W/m²

JRLX/T (ACOM/TW) Lista podstawowych przewodów z rdzeniem kompozytowym

Specyfikacja	60°C	80°C	100°C	120°C	140°C	160°C	180°C
150/28	231	406	519	606	680	744	803
185/28	258	462	591	692	777	851	919
218/28	281	510	655	767	862	945	1021
240/28	295	540	694	814	915	1004	1084
310/40	337	633	819	963	1084	1191	1288
350/40	358	682	884	1041	1173	1289	1395
360/47	364	697	904	1065	1201	1320	1429
380/47	373	721	937	1104	1245	1370	1483
540/47	441	888	1161	1373	1552	1710	1854
413/52	389	757	985	1162	1311	1443	1562
455/52	407	800	1043	1231	1389	1529	1656
480/52	419	826	1077	1272	1436	1581	1713
530/60	437	875	1143	1351	1526	1681	1823
620/60	469	965	1267	1501	1698	1873	2032
800/60	523	1121	1481	1760	1996	2204	2395
517/71	433	870	1137	1344	1519	1674	1814
600/71	465	934	1222	1445	1633	1800	1951
1000/75	569	1275	1694	2020	2295	2540	2764
1135/80	596	1374	1833	2190	2492	2761	3007

Warunki projektowania: temperatura otoczenia 40 °C, prędkość wiatru 0,5 m / s, współczynnik promieniowania 0.9, współczynnik absorpcji 0,9 Natężenie oświetlenia 1000W/m2

JRLX/T (ACOM/TW) Rezystancja AC - Lista przewodów z rdzeniem kompozytowym (Ω/km)

Specyfikacja	60°C	80°C	100°C	120°C	140°C	160°C	180°C
150/28	0.2176	0.2331	0.2486	0.2641	0.2796	0.2951	0.3106
185/28	0.1766	0.1891	0.2017	0.2142	0.2268	0.2394	0.2519
218/28	0.1496	0.1603	0.1709	0.1815	0.1922	0.2028	0.2134
240/28	0.1361	0.1458	0.1554	0.1651	0.1748	0.1844	0.1941
310/40	0.1058	0.1133	0.1207	0.1282	0.1357	0.1432	0.1507
350/40	0.0937	0.1003	0.1069	0.1135	0.1201	0.1267	0.1334
360/47	0.0908	0.0972	0.1036	0.1100	0.1164	0.1228	0.1292
380/47	0.0864	0.0924	0.0985	0.1046	0.1107	0.1168	0.1229
540/47	0.0613	0.0656	0.0698	0.0741	0.0784	0.0826	0.0869
413/52	0.0795	0.0851	0.0906	0.0962	0.1018	0.1074	0.1130
455/52	0.0724	0.0775	0.0826	0.0877	0.0927	0.0978	0.1029
480/52	0.0685	0.0733	0.0780	0.0828	0.0876	0.0924	0.0972
530/60	0.0626	0.0669	0.0713	0.0757	0.0800	0.0844	0.0888
620/60	0.0539	0.0576	0.0613	0.0650	0.0688	0.0725	0.0762
800/60	0.0424	0.0452	0.0481	0.0509	0.0538	0.0567	0.0595
517/71	0.0638	0.0683	0.0727	0.0772	0.0817	0.0861	0.0906
600/71	0.0553	0.0591	0.0629	0.0668	0.0706	0.0745	0.0783
1000/75	0.0347	0.0370	0.0393	0.0415	0.0438	0.0461	0.0484
1135/80	0.0309	0.0329	0.0348	0.0368	0.0388	0.0408	0.0428

JRLX/T (ACOM/TW) Naciąg i zwis - przewodów z rdzeniem kompozytowym (MPa/m)

Span	100m		200m		300m		400m		500m	
	80°C	160°C	80°C	160°C	80°C	160°C	80°C	160°C	80°C	160°C
150/28	39.0/0.82	29.9/1.07	49.8/2.58	44.0/2.92	57.9/4.99	53.6/5.38	59.0/8.70	56.5/9.09	59.1/13.58	57.4/13.96
185/28	32.4/1.00	26.7/1.21	43.9/2.95	39.9/3.25	51.8/5.63	48.8/5.98	54.7/9.47	52.7/9.83	55.7/14.54	54.4/14.89
218/28	29.1/1.12	24.9/1.31	40.7/3.20	37.5/3.47	48.3/6.07	45.9/6.39	51.8/10.06	51.1/10.38	53.1/15.34	52.0/15.64
240/28	27.2/1.18	23.5/1.36	38.9/3.29	36.0/3.56	46.0/6.26	43.9/6.57	49.6/10.34	48.0/10.66	50.9/15.72	49.9/16.03
310/40	28.9/1.13	24.7/1.32	40.6/3.21	37.4/3.48	48.2/6.07	45.8/6.38	53.5/9.72	51.7/10.06	56.6/14.35	55.3/14.70
350/40	26.2/1.22	22.8/1.40	38.0/3.37	35.3/3.63	45.3/6.36	43.2/6.66	50.2/10.19	48.6/10.52	53.1/15.06	52.0/15.39
360/47	29.8/1.09	25.2/1.29	41.3/3.14	37.9/3.43	48.9/5.97	46.4/6.30	54.2/9.57	52.3/9.93	58.0/13.97	56.5/14.36
380/47	28.8/1.13	24.7/1.32	40.4/3.22	37.2/3.49	48.0/6.10	45.6/6.24	53.2/9.79	51.3/10.13	56.8/14.31	55.4/14.67
540/47	22.5/1.46	20.4/1.60	34.2/3.84	32.3/4.06	40.6/7.28	39.1/7.54	44.5/11.78	43.5/12.05	47.1/17.40	46.4/17.67
413/52	28.2/1.15	24.3/1.34	40.0/3.25	37.0/3.52	47.7/6.14	45.3/6.46	52.9/9.84	51.1/10.20	56.6/14.40	55.2/14.74
455/52	25.4/1.29	22.5/1.45	38.1/3.44	35.4/3.69	45.5/6.46	43.5/6.76	50.5/10.35	49.0/10.67	54.0/15.14	52.8/15.47
480/52	25.2/1.30	22.3/1.46	37.3/3.50	34.8/3.75	44.5/6.61	42.6/6.90	49.3/10.62	47.8/10.93	52.5/15.57	51.4/15.89
530/60	26.4/1.23	23.1/1.41	38.5/3.38	35.7/3.64	45.9/6.39	43.8/6.69	50.9/10.25	49.3/10.57	54.3/15.00	53.1/15.33
620/60	22.1/1.49	20.1/1.64	34.6/3.81	32.6/4.03	41.5/7.14	40.0/7.40	46.0/11.45	44.9/11.74	49.0/16.81	48.1/17.09
800/60	20.2/1.63	18.7/1.77	32.0/4.13	30.5/4.34	38.2/7.79	37.0/8.03	41.9/12.61	41.1/12.86	44.3/18.65	43.7/18.89
517/71	39.7/0.82	30.5/1.07	50.7/2.56	44.9/2.90	59.0/4.95	54.7/5.34	65.3/7.95	62.0/8.38	70.1/11.56	67.6/12.02
600/71	27.0/1.21	23.5/1.39	39.0/3.36	36.1/3.62	46.4/6.34	44.2/6.65	51.5/10.18	49.8/10.50	54.9/14.89	53.6/15.23

Warunki projektowania: współczynnik bezpieczeństwa 3,0,

Warunki meteorologiczne: temperatura minimalna minus 10 st. C; wiatr 30m/s; oblodzenie 5mm; średnia temperatura roczna 10 st. C

JRLX/T (ACOM/TW) Naciąg i zwis - przewodów z rdzeniem kompozytowym (MPa/m)

Przęsło	100m		200m		300m		400m		500m	
	80°C	160°C	80°C	160°C	80°C	160°C	80°C	160°C	80°C	160°C
150/28	41.7/0.77	31.1/1.03	51.7/2.48	45.3/2.83	57.4/5.03	53.2/5.42	58.0/8.86	55.6/9.24	58.3/13.76	56.7/14.13
185/28	34.5/0.94	27.9/1.16	45.4/2.85	41.0/3.16	51.9/5.62	48.9/5.97	53.8/9.63	51.9/9.98	55.1/14.71	53.8/15.04
218/28	31.0/1.05	26.0/1.25	42.1/3.10	38.6/3.37	48.3/6.07	45.9/6.38	51.0/10.22	49.4/10.54	52.5/15.51	51.4/15.82
240/28	29.2/1.10	24.8/1.29	40.1/3.19	36.9/3.47	46.0/6.26	43.8/6.57	48.8/10.49	47.3/10.81	50.4/15.89	49.4/16.19
310/40	30.8/1.06	25.8/1.26	41.9/3.10	38.4/3.38	49.3/5.93	46.7/6.26	53.8/9.67	51.9/10.02	56.5/14.39	55.1/14.74
350/40	23.3/1.13	24.2/1.32	39.2/3.26	36.2/3.53	46.3/6.22	44.1/6.53	50.4/10.15	48.8/10.48	53.0/15.09	51.8/15.42
360/47	31.6/1.03	26.3/1.23	42.7/3.04	39.0/3.33	50.0/5.83	47.3/6.18	55.2/9.41	53.1/9.77	58.5/13.85	57.0/14.25
380/47	30.7/1.06	25.8/1.26	41.7/3.12	38.2/3.40	49.1/5.97	46.5/6.29	54.0/9.63	52.1/9.99	57.3/14.20	55.9/14.55
540/47	24.6/1.33	21.9/1.50	35.1/3.74	33.0/3.97	41.3/7.15	39.8/7.41	45.1/11.64	44.0/11.91	47.5/17.25	46.7/17.53
413/52	30.2/1.08	25.5/1.28	41.4/3.14	38.0/3.42	48.7/6.00	46.2/6.34	53.8/9.68	51.9/10.03	57.3/14.20	55.9/14.56
455/52	27.8/1.18	24.0/1.36	39.3/3.33	36.4/3.59	46.5/6.33	44.3/6.63	51.3/10.19	49.7/10.52	54.6/14.97	53.4/15.30
480/52	27.4/1.19	23.8/1.37	38.5/3.40	35.8/3.65	45.4/6.48	43.4/6.77	50.0/10.46	48.5/10.77	53.0/15.40	51.9/15.74
530/60	28.6/1.14	24.5/1.33	39.7/3.28	36.7/3.55	46.9/6.26	44.7/6.56	51.6/10.09	49.9/10.43	54.9/14.83	53.6/15.17
620/60	24.4/1.35	21.8/1.51	35.6/3.70	33.5/3.93	42.3/7.00	40.7/7.27	46.6/12.3	45.4/11.59	49.5/16.64	48.6/16.91
800/60	22.0/1.50	20.1/1.65	32.9/4.02	31.2/4.23	38.8/7.66	37.6/7.91	42.4/12.46	41.5/12.72	44.7/18.48	44.1/18.73
517/71	42.5/0.76	31.7/1.03	52.7/2.46	46.2/2.81	60.6/4.81	56.0/5.22	66.7/7.78	63.2/8.22	71.3/11.38	68.6/11.83
600/71	29.0/1.13	24.8/1.32	40.2/3.25	37.1/3.52	47.4/6.21	45.1/6.52	52.3/10.02	50.5/10.34	55.6/14.72	54.2/15.05

Warunki projektowania: współczynnik bezpieczeństwa 3,0,

Warunki meteorologiczne: temperatura minimalna 10 st.C ; wiatr 30m/s ; oblodzenie 5mm; średnia temperatura roczna 10 st.C