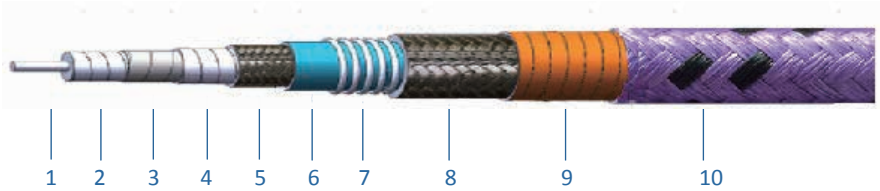
ZJK series armored test cable



Data / Type	ZJK15		ZJK22		ZJK36	
Structure						
Specification	Size(mm)	Material	Size(mm)	Material	Size(mm)	Material
1-6 Cable	1.85	FEP	2.40	FEP	3.60	FEP
7-8 Armor layer	2.70	Silver plated copper	3.60	Silver plated copper	5.10	Silver plated copper
9-10 Outer shielding	3.84	PTFE	4.80	PTFE	6.10	PTFE
Mechanical and environmental performance						
Static bending radius(mm)	30.00		30.00		30.00	
Dynamic bending radius(mm)	50.00		50.00		60.00	
Mechanical phase	±10°		±7°		±7°	
Amplitude stability(dB)	±0.10		±0.05		±0.05	
Weight(Kg/m)	0.033		0.052		0.095	
Withstand voltage medium(V,DC)	-55~125		-55~125		-55~125	
Electrical performance						
Working frequency(GHz)	110		67		50	
VSWR(GHz)	≤1.5@110		≤1.4@67		≤1.35@50	
Bend No.(thousand)	50		100		100	
Attenuation value (typical value at 25 ° C) and transmission power value (typical value at 40 ° C)						
Frequency MHz	dB/100 m	Average power KW	dB/100 m	Average power KW	dB/100 m	Average power KW
1000	113.7	0.039	63.7	0.097	48.1	0.506
2000	161.6	0.027	90.8	0.068	68.3	0.356
3000	198.5	0.022	111.9	0.055	83.9	0.290
6000	282.9	0.016	160.4	0.039	119.4	0.204
8000	328.0	0.014	186.5	0.033	138.4	0.176
10000	368.0	0.012	209.8	0.029	115.2	0.157
12400	411.3	0.011	235.2	0.026	173.4	0.140
18000	499.3	0.009	287.1	0.022	210.2	0.116
26500	611.5	0.007	354.0	0.017	257.1	0.095
40000	760.4	0.006	444.0	0.014	319.2	0.076
50000	856.6	0.005	502.9	0.012	359.2	0.068
67000	1002.7	0.004	593.2	0.010	—	—
75000	1065.9	0.004	—	—	—	—
110000	1314.3	0.003	—	—	—	—
K1	3.557846		1.975832		1.507809	
K2	0.001221		0.001221		0.000440	
Attenuation of other frequency points	K1*√FMhz+K2*FMHz					