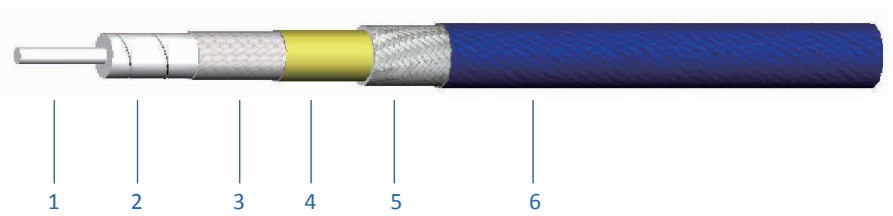
ZJH series economical low loss test cable



Data / Type	ZJH46		ZJH52		ZJH64	
Structure						
Specification	Size(mm)	Material	Size(mm)	Material	Size(mm)	Material
1-Material	1.02	Silver plated copper	1.29	Silver plated copper	1.57	Silver plated copper
2-Dielectric	3.07	Low density PTFE	3.91	Low density PTFE	4.72	Low density PTFE
3-Inner shielding	3.27	Silver plated copper strip	4.15	Silver plated copper strip	4.96	Silver plated copper strip
4-Intermediate	3.43	High temperature aluminum foil	4.28	High temperature aluminum foil	5.10	High temperature aluminum foil
5-Outer shielding	3.94	Silver plated copper wire	4.85	Silver plated copper wire	5.66	Silver plated copper wire
6-Sheath	4.60	Blue FEP	5.20	Blue FEP	6.35	Blue FEP
Mechanical and environmental performance						
Static bending radius(mm)	23.00		26.00		31.00	
Dynamic bending radius(mm)	46.00		52.00		63.00	
Weight(Kg/m)	0.053		0.067		0.093	
Temperature, install and use (°C)	-55~200		-55~200		-55~200	
Electrical performance						
Working frequency(GHz)	18		18		18	
Cut-off frequency(GHz)	35		28		27	
OHM(Ohms)	50		50		50	
VOP	76%		76%		76%	
Shielding efficiency(dB)	>90		>90		>90	
Withstand voltage medium(V,DC)	1000		1000		2000	
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	35.4	0.569	27.7	0.750	22.2	1.020
2000	50.4	0.400	39.5	0.526	31.7	0.713
3000	62.0	0.324	48.7	0.426	39.2	0.577
6000	88.8	0.227	69.9	0.297	56.4	0.401
8000	103.2	0.195	81.3	0.255	65.8	0.344
10000	116.0	0.174	91.5	0.227	74.2	0.305
12400	129.9	0.155	102.7	0.202	83.4	0.271
16000	148.7	0.135	117.8	0.176	95.8	0.236
18000	158.3	0.127	125.5	0.165	102.2	0.221
K1	1.099485		0.856234		0.682743	
K2	0.000602		0.000591		0.000591	
Attenuation of other frequency points	K1*√FMhz+K2*FMHz					