



常用同轴电缆尺寸表 DIMENSIONS OF APPLICABLE CABLES							
S:单编织屏蔽层 D:双编织屏蔽层 *:铠装电缆 S:1 braid D:2 braid *:Armoured							
电缆型号 CABLE TYPE	标称阻抗 IMP. Ω	直径尺寸 ϕ (mm) DIAMETER(MM)					电缆组别 CABLE GROUP
		内导体 CORE		绝缘层 DIELECTRIC	屏蔽层 MAX SCREEN	护套外径 JACKET	
		构成 Composition	外径 Nom.Dia				
软电缆和半刚电缆(MIL-C-17-F)/FLEXIBLE AND SEMI-RIGID CABLES(MIL-C-17-F)							
RG-5A/U	50	单芯(single core)	1.29	4.60	6.30D	8.33	8/50D
RG-6A/U	75	单芯(single core)	0.72	4.70	6.30D	8.43	8/75D
RG-8/U	50	7X0.72	2.17	7.24	8.20S	10.29	7/50S
RG-9/U	50	7X0.72	2.17	7.11	8.70D	10.67	7/50D
RG-10/U	50	7X0.72	2.17	7.24	8.20S	12.07*	7/50S
RG-11/U	75	7X0.4	1.21	7.24	8.20S	10.29	7/75S
RG-12/U	75	7X0.4	1.21	7.24	8.20S	12.07*	7/75S
RG-21/U	50	单芯(single core)	1.29	4.70	6.30D	8.43	8/75D
RG-55/U	50	单芯(single core)	0.81	2.95	4.20D	5.23	5/50D
RG-58/U	50	单芯(single core)	0.81	2.95	3.60S	4.95	5/50S
RG-59B/U	75	单芯(single core)	0.58	3.71	4.85S	6.15	6/75S
RG-140/U	75	单芯(single core)	0.64	3.71	4.47S	5.92	6/75S
RG-141A/U	50	单芯(single core)	0.99	2.95	3.71S	4.83	5/75S
RG-142B/U	50	单芯(single core)	0.99	2.95	4.34D	4.95	5/50D
RG-144/U	75	7X0.45	1.35	7.25	8.38S	10.40	7/75S
RG-165/U	50	7X0.8	2.40	7.25	8.64S	10.40	7/50S
RG-174/U	50	7X0.16	0.48	1.52	2.24S	2.54	2.5/50S
RG-178/U	50	7X0.1	0.30	0.91	1.37S	2.01	2/50S
RG-179B/U	75	7X0.1	0.30	1.60	2.13S	2.54	2.5/75S
RG-187/U	75	7X0.1	0.30	1.52	2.13S	2.79	2.5/75S
RG-188/U	50	7X0.18	0.51	1.52	2.06S	2.79	2.5/50S
RG-196/U	50	7X0.1	0.30	0.86	1.37S	2.03	2/50S
RG-212/U	50	单芯(single core)	1.44	4.70	6.30D	8.43	8/50D
RG-213/U	50	7X0.75	2.26	7.25	8.64S	10.29	7/50S
RG-214/U	50	7X0.75	2.26	7.25	9.14D	10.80	7/50D
RG-215/U	50	7X0.75	2.26	7.25	8.64S	12.07*	7/50S
RG-216/U	75	7X0.40	1.20	7.25	9.14D	10.90	7/75D
RG-222/U	50	单芯(single core)	1.41	4.70	6.30D	8.43	8/50D
RG-223/U	50	单芯(single core)	0.89	2.95	4.47D	5.49	5/50D
RG-225/U	50	7X0.79	2.38	7.24	9.14D	10.92	7/50D
RG-303/U	50	单芯(single core)	0.99	2.95	3.71S	4.32	5/50S
RG-316/U	50	7X0.17	0.51	1.52	2.06S	2.59	2.5/50S
RG-316DT	50	7X0.17	0.51	1.60	2.22D	2.80	2.5/50D
RG-400/U	50	19X0.18	0.99	2.95	4.34D	4.95	5/50D
RG-401/U	50	单芯(single core)	1.64	5.46		6.35	.250
RG-402/U	50	单芯(single core)	0.91	3.02		3.58	.141
RG-405/U	50	单芯(single core)	0.51	1.68		2.18	.086
软电缆和半刚电缆 (SJ1132-77,SJ498-83) /FLEXIBLE AND SEMI-RIGID CABLES(SJ1132-77,SJ498-83.made in China)							
SYV-50-1	50	7X0.1	0.27	0.8±0.05	1.40S	1.9±0.10	2/50S
SYV-50-2-1	50	7X0.16	0.45	1.5±0.10	2.10S	2.9±0.10	3/50S
SYV-50-2-2	50	7X0.18	0.68	2.2±0.10	3.10S	4.0±0.20	4/50S
SYV-50-3	50	单芯(single core)	0.90	3.0±0.15	3.85S	5.0±0.25	5/50S
SYV-50-5-1	50	单芯(single core)	1.37	4.6±0.20	5.50S	7.0±0.30	8/50S
SYV-50-5-2	50	单芯(single core)	1.37	4.6±2.20	6.20D	7.8±0.30	8/50D
SYV-50-7-1	50	7X0.75	2.28	7.3±0.25	8.50S	10.2±0.30	7/50S
SYV-50-7-2	50	7.075	2.28	7.3±0.25	9.30D	11.2±0.30	7/50D
SYV-75-2	75	7X0.08	0.24	1.5±0.10	2.10S	2.9±0.10	3/75S



常用同轴电缆尺寸表 DIMENSIONS OF APPLICABLE CABLES							
S:单编织屏蔽层 S:1 braid				D:双编织屏蔽层 D: 2braid		*:铠装电缆 *:Armoured	
电缆型号 CABLE TYPE	标称阻抗 IMP. Ω	直径尺寸 ϕ (mm) DIAMETER(MM)					电缆组别 CABLE GROUP
		内导体 CORE		绝缘层 DIELECTRIC	屏蔽层 MAX SCREEN	护套外径 JACKET	
		构成 Composition	外径 Nom.Dia				
软电缆和半刚电缆(SJTT32-77,SJ498-83) /FLEXIBLE AND SEMI-RIGID CABLES(SJTT32-77,SJ498-83,made in China)							
SYV-75-2-1	75	7X0.11	0.32	2.0		4.0	4/75S
SYV-75-3	75	7X0.17	0.51	2.95±0.10	3.85S	5.0±0.25	5/75S
SYV-75-5	75	单芯(single core)	0.75	4.6±0.20	5.50S	7.1±0.30	8/75S
SYV-75-7	75	7X0.4	1.20	7.25±0.25	8.50S	10.2±0.30	7/75S
SFF-50-1	50	7X0.10	0.30	0.87±0.10	1.45S	1.8±0.15	2/75S
SFF-50-1.5-1	50	7X0.18	0.54	1.5±0.10	2.10S	2.55±0.15	2.5/50S
SFF-50-1.5-2	50	7X0.18	0.54	1.5	2.70D	3.20	3/50D
SFF-50-2-1	50	单芯(single core)	0.73	2.2		3.3±0.20	4/50S
SFF-50-2-2	50	单芯(single core)	0.73	2.2		4.0	4/50D
SFF-50-3-1	50	单芯(single core)	0.93	3.0		4.5±0.25	5/50S
SFF-50-3-2	50	单芯(single core)	0.93	3.0		5.5	5/50D
SFF-75-1	75	单芯(single core)	0.17	0.87		1.80	2/75S
SFF-75-1.5-1	75	7X0.10	0.30	1.5		2.55	2.5/75S
SFF-75-1.5-2	75	7X0.10	0.30	1.5		3.2	2/75D
SFF-75-2	75	单芯(single core)	0.41	2.2		3.2	3/75S
SFF-75-3-1	75	单芯(single core)	0.55	3.0		4.5	5/75S
SFF-75-3-2	75	单芯(single core)	0.55	3.0		5.5	5/75D
SFT-50-2-1	50	单芯(single core)	0.51	1.67		2.18	.086
SFT-50-3-1	50	单芯(single core)	0.93	3.0		3.58	.141
SFT-50-5.2	50	单芯(single core)	1.60	5.20		6.0	.250
LMR电缆(TIMES MICROWAVE SYSTEMS 公司制造)/LMR CABLES(TIMES MICROWAVE SYSTEMS)							
RD-178	50	7X0.10	0.30	0.86	1.68D	2.34	2/50D
RD-179	75	7X0.10	0.30	1.60	2.69D	3.07	2.6/75D
RD-302	75	单芯(single core)	0.64	3.71		5.64	5/75D
RD-316	50	7X0.17	0.51	1.52	2.22D	2.90	2.6/50D
LMR-100A	50	单芯(single core)	0.46	1.52	2.11	2.79	100/50S
LMR-195	50	单芯(single core)	0.94	2.79	3.53	4.95	195/50S
LMR-200	50	单芯(single core)	1.12	2.95	3.66	4.95	200/50S
LMR-240	50	单芯(single core)	1.42	3.81	4.52	6.10	240/50S
LMR-300	50	单芯(single core)	1.78	4.83	5.72	7.62	300/50S
LMR-400	50	单芯(single core)	2.74	7.24	8.13	10.29	400/50S
50Ω 皱纹铜管电缆 (制造商) /CORRUGATED CABLES 50Ω(MANUFACTURER)							
SYFY-50-9-3 (TIANJING 609)			3.1	8.7	9.5	11.2	3/8" 皱纹铜管
SYFY-50-12-3(TIANJING 609)			4.9	12.0	14.0	16.5	1/2" 皱纹铜管
SYFY-50-9-3 (TIANJING 609)			9.1	22.0	25.0	28.5	7/8" 皱纹铜管
LDF1-50(HELIAX ANDREW)			2.6		7.7	8.8	1/4" 皱纹铜管
LDF2-50(HELIAX ANDREW)			3.1		9.7	11.2	3/8" 皱纹铜管
LDF4-50A(HELIAX ANDREW)			4.6		14.0	15.9	1/2" 皱纹铜管
LDF5-50A(HELIAX ANDREW)			9.0	23.0	24.9	28.0	7/8" 皱纹铜管
SUCOFED1/2" (HUBER SUHNER)			4.8	11.9	13.7	16.0	1/2" 皱纹铜管
SUCOFED7/8" (HUBER SUHNER)			9.0	22.0	24.7	27.75	7/8" 皱纹铜管
50Ω 螺旋铜管电缆 (制造商) /CORRUGATED CABLES 50Ω(MANUFACTURER)							
SDY-50-7-3(TIANJING 609)			2.83		10.2	10.2	3/8" 螺旋铜管
SDY-50-9-3(TIANJING 609)			3.5		12.4	12.4	
FSJ1-50A(HELIAX ANDREW)			1.9	4.7	7.4	7.4	1/4" 螺旋铜管
FSJ2-50(HELIAX ANDREW)			2.8	7.0	10.5	10.5	3/8" 螺旋铜管
FSJ4-50B(HELIAX ANDREW)			3.6	8.7	13.2	13.2	1/2" 螺旋铜管
SUCOFED1/4" HF-FR(HUBER SUHNER)			1.89	4.7	7.7	7.7	1/4" 螺旋铜管
SUCOFED3/8" HF-FR(HUBER SUHNER)			2.8	7.0	10.8	10.8	3/8" 螺旋铜管
SUCOFED1/2" HF-FB(HUBER SUHNER)			3.6	8.6	13.4	13.4	1/2" 螺旋铜管