

							Q/12JD4774-2002
18	SYV-75-17	7×0.95	2.85	17.3±0.7	19.3	22.2±0.6	609 Q/12JD4774-2002
19	SYV-100-7	Single core	0.6	7.3±0.25	8.5	10.2±0.3	609 Q/12JD4774-2002
21	SDY-4	Single core	0.64	3.7±0.25		6.2±0.4	609 Q/12JD4112-2002
27	SYV-50-5-1	Single core	1.37	4.6±0.2		7.0	609 Q/12JD4774-2002
28	SYV-50-5-2	Single core	1.37	4.6±0.2		7.8	609 Q/12JD4774-2002
29	SYV-50-17	19×1.04	5.2	17.3±0.7	19.3	22.2±0.6	609 Q/12JD4774-2002
30	SYV-50-23-1	19×1.37	6.85	23±0.1	25.4±0.1	28.8±0.7	609 Q/12JD4774-2002
31	SYV-50-28-1	19×1.65	8.25	28±0.1	30±0.1	34.5±0.8	609 Q/12JD4774-2002
32	SYV-75-2	7×0.08	0.24	1.5±0.1	2.1S	2.9±0.1	609 Q/12JD4774-2002
33	SYV-75-12	7×0.64	1.92	11.5±0.4	12.8	15±0.5	609 Q/12JD4774-2002
34	SYV-75-23-1	7×1.27	3.18	23±0.1	25±0.1	28.8±0.7	609 Q/12JD4774-2002
35	SYV-75-28-1	7×1.5	4.5	28±0.1	30±0.1	34.5±0.8	609 Q/12JD4774-2002
2	SFF-50-1	7×0.1	0.3	0.87±0.07	1.45	1.8±0.15	SJ1563-80
3	SFF-50-1.5-1	7×0.18	0.54	1.5±0.1	2.10S	2.55±0.15	SJ1563-80
3	SFF-50-1.5-2	7×0.18	0.54	1.5±0.1	2.75	3.2±0.15	SJ1563-80
4	SFF-50-2-1	Single core	0.73	2.2±0.1	2.8	3.3±0.2	SJ1563-80
4	SFF-50-2-2	Single core	0.73	2.2±0.1	3.45	4±0.2	SJ1563-80
5	SFF-50-3-1	Single core	0.93	3±0.12	3.9	4.5±0.25	SJ1563-80
5	SFF-50-3-2	Single	0.93	3±0.12	4.75	5.5±0.25	SJ1563-80

		core					
2	SFF-75-1	Single core	0.17	0.87±0.07	1.45	1.8±0.15	SJ1563-80
3	SFF-75-1.5-1	7×0.1	0.3	1.5±0.1	2.1	2.55±0.15	SJ1563-80
3	SFF-75-1.5-2	7×0.1	0.3	1.5±0.1	2.75	3.2±0.15	SJ1563-80
4	SFF-75-2	Single core	0.41	2.2		3.2	Q/WF04-2004
5	SFF-75-3-1	Single core	0.55	3±0.12	3.9	4.5±0.25	SJ1563-80
5	SFF-75-3-2	Single core	0.55	3±0.12	4.75	5.5±0.25	SJ1563-80
B1	SFT-50-1	Single core	0.28	0.94		1.14	609 Q/12JD4835-2002
B2	SFT-50-2-1	Single core	0.51	1.68		2.15	609 Q/12JD4835-2002
B3	SFT-50-3-1	Single core	0.93	3		3.58	609 Q/12JD4835-2002
B5	SFT-50-5.2	Single core	1.6	5.2		6.00	23
301	SUJ-50-3	7×0.38	1.14	3.0	3.5	5.0	23
302	SUJ-50-5	7×0.61	1.83	4.8	5.3	7.3	23
303	SUJ-50-7	7×0.85	2.65	7.3	7.8	10.5	23

Domestic Common Coaxial Cable Size Chart								
Wrinkles outer conductor half-hard radio frequency cable								
Cable Type	Φ (mm) Diameter size						Manufacturer	Remark
	Inner conductor		Insulating layer	Shielding Layer	Sheath diameter			
	Structure	Outside diameter						

HCAAY-50-6	CCA	2.6	6.8	7.7	9.8	Tianjin An Xunda	1/4" common
HCAAY-50-8	CCA	3.1	7.8	9.5	11.1	Tianjin An Xunda	3/8" common
HCAAY-50-12	CCA	4.8	12.2	13.8	16.0	Tianjin An Xunda	1/2" common
HCTAY-50-17	Smooth copper tube	7	18	19.7	22.0	Tianjin An Xunda	5/8" common
HCTAY-50-22	Smooth copper tube	9.1	22.5	24.9	28.0	Tianjin An Xunda	7/8" common
HCTAY-50-32	Smooth copper tube	13.1	33.7	35.8	39.4	Tianjin An Xunda	1-1/4" common
HHTAY-50-42	Thread ring wrinkles brass tube	17.3	44.1	46.5	50.0	Tianjin An Xunda	1-5/8" common
HHTAY-50-52	Thread ring wrinkles brass tube	20.8	49.7	56.1	60.0	Tianjin An Xunda	2-1/4" common
HCAHY-50-5	CCA	1.9	4.4	6.5	7.7	Tianjin An Xunda	1/4" Super Soft
HCAHY-50-7	CCA	2.6	6.5	9.1	10.3	Tianjin An Xunda	3/8" Super Soft
HCAHY-50-9	Copper clad aluminum	3.6	8.9	12	13.6	Tianjin An Xunda	1/2"

	CCA						Super Soft
HHTAY-50-21	Thread ring wrinkles brass tube	9.45	22.4	24.9	28.0	Tianjin An Xunda	7/8" Super Soft

Foreign Common Coaxial Cable Size Chart						
S: Single braided shielding layer D: Double braided shielding layer						
*: Armored cable						
Cable Type	Nominal Impedance Ω	Φ (mm) Diameter size				
		Inner conductor		Insulating layer	Shielding Layer	Sheath diameter
		Structure	Outside diameter			
(MIL-C-17-F) Flexible cable and Semi-rigid cable						
RG-5/U	51.5	Single core	1.29	4.70	6.30	8.43
RG-5A/U	50	Single core	1.29	4.60	6.30D	8.33
RG-6/U	76	Single core	0.72	4.70	6.30D	8.43
RG-6A/U	75	Single core	0.72	4.70	6.30D	8.43
RG-8/U	52	7×0.72	2.17	7.24	8.20S	10.29
RG-9/U	51	7×0.72	2.17	7.11	8.70D	10.67
RG-10/U	52	7×0.72	2.17	7.24	8.20S	12.07*
RG-11/U	75	7×0.4	1.21	7.24	8.20S	10.29
RG-12/U	75	7×0.4	1.21	7.24	8.20S	12.07*
RG-13/U	74	7×0.4	1.21	7.11	8.7	10.67
RG-14/U	52		2.59	9.9	11.2	13.84
RG-17/U	52	Single core	4.78	17.27	18.6	22.1
RG-18/U	52	Single core	4.78	17.24	18.6	24max
RG-21/U	53	Single core	1.29	4.70	6.30D	8.43
RG-22/U	95	7×0.39	1.16	7.24	8.2	10.29
RG-34/U	71	7×0.72	2.17	11.56	12.9	15.88
RG-55/U	53.5	Single core	0.81	2.95	4.20D	5.23

RG-58/U	53.5	Single core	0.81	2.95	3.60S	4.95
RG-58A/U	52	Single core	0.9	2.95	3.6	4.95
RG-58C/U	50	Single core	0.9	2.95	3.81	4.95
RG-59/U	73	Single core	0.64	3.71	4.5	6.15
RG-59B/U	75	Single core	0.58	3.71	4.85S	6.15
RG-62/U	93	Single core	0.64	3.71	4.5	6.15
RG-63/U	125	Single core	0.64	7.24	8.2	10.29
RG-71/U	93	Single core	0.64	3.71	5.1	6.35max
RG-140/U	75	Single core	0.64	3.71	4.47S	5.92
RG-141A/U	50	Single core	0.99	2.95	3.71S	4.83
RG-142B/U	50	Single core	0.99	2.95	4.34D	4.95
RG-144/U	75	7×0.45	1.35	7.25	8.38S	10.40
RG-165/U	50	7×0.8	2.40	7.25	8.64S	10.40
RG-174/U	50	7×0.16	0.48	1.52	2.24S	2.54
RG-174A/U	50	7×0.16	0.48	1.52	2.24	2.54
RG-178/U	50	7×0.1	0.30	0.91	1.37S	2.01
RG-179B/U	75	7×0.1	0.30	1.60	2.13S	2.54
RG-187/U	75	7×0.1	0.30	1.52	2.13S	2.79
RG-188/U	50	7×0.18	0.51	1.52	2.06S	2.79
RG-188A/U	75	7×0.16	0.51	1.52	2.06	2.79max
RG-196/U	50	7×0.1	0.30	0.86	1.37S	2.03
RG-212/U	50	Single core	1.44	4.70	6.30D	8.43

RG-213/U	50	7×0.75	2.26	7.25	8.64S	10.29
RG-214/U	50	7×0.75	2.26	7.25	9.14D	10.80
RG-215/U	50	7×0.75	2.26	7.25	8.64S	12.07*
RG-216/U	75	7×0.4	1.20	7.25	9.14D	10.90
RG-222/U	50	Single core	1.41	4.70	6.30D	8.43
RG-223/U	50	Single core	0.89	2.95	4.47D	5.49
RG-225/U	50	7×0.79	2.38	7.24	9.14D	10.92
RG-303/U	50	Single core	0.99	2.95	3.71S	4.32
RG-316/U	50	7×0.17	0.51	1.52	2.06S	2.59
RG-316DT	50	7×0.17	0.51	1.60	2.22D	2.80
RG-400/U	50	19×0.18	0.99	2.95	4.34D	4.95
RG-401/U	50	Single core	1.64	5.46		6.35 (Semi-rigid)
RG-402/U	50	Single core	0.91	3.02		3.58 (Semi-rigid)
RG-405/U	50	Single core	0.51	1.68		2.18 (Semi-rigid)