

Cable Group and Reference

Cable group	cable type	Impedance Ω	diameter size ϕ (mm)				
			center conductor		out diameter of insulator	out diameter of shield	out diameter of jacket
			construction	out diameter			
2	SYV-50-1	50	7×0.09	0.27	0.87±0.05	1.45S	1.90±0.1
	SFF-50-1						
	RG-178/U	50	7×0.1	0.30	0.91	1.37S	2.01±0.1
	RG-196/U	50	7×0.1	0.30	0.86	1.37S	2.03
	SFF-75-1	75	Single core	0.17	0.87	1.37S	1.80
2A	RD-178	50	7×0.1	0.30	0.86	1.68D	2.34
3	SYV-50-2-1	50	7×0.16	0.48	1.5±0.1	2.10S	2.90±0.1
	SFF-50-1.5-1	50	7×0.18	0.54	1.5±0.1	2.1S	2.55±0.15
	RG-174/U	50	7×0.16	0.48	1.52	2.24S	2.54
	RG-316/U	50	7×0.17	0.51	1.52	2.06S	2.59
	M17/113- RG216	50		0.51	1.52	1.98	2.49
	RG-188/U	50	7×0.18	0.54	1.52	2.06S	2.79
	SFF-75-1.5-1	75	7×0.1	0.30	1.50	...	2.55
	SFF-75-1.5-2	75	7×0.1	0.30	1.50	...	3.20
	SYV-75-2	75	7×0.08	0.24	1.50	2.1S	2.9±0.1
	RG-179B/U	75	7×0.1	0.30	1.60	2.13S	2.54
	LMR-100A	50	Single core	0.46	1.52	2.11	2.79
3A	SFF-50-1.5-2	50	7×0.18	0.54	1.50	2.75D	3.20
	RD-316	50	7×0.17	0.51	1.52	2.22D	2.90
	RG-316DT	50	7×0.17	0.51	1.60	2.22D	2.80
4	SFF-50-2-1	50	Single core	0.73	2.20	...S	3.3±0.2
4A	SYV-50-2-2	50	7×0.23	0.68	2.20	3.1D	4.00
	SFF-50-2-2	50	Single core	0.73	2.20	...D	4.00
5	SFF-50-3-1	50	Single core	0.93	3.00	...S	4.5±0.25
	SYV-50-3	50	Single core	0.90	3.00	3.85S	5.0±0.25
	RG-141A/U	50	Single core	0.99	2.95	3.71S	4.83
	RG-58C/U	50	Single core	0.90	2.95	3.81S	4.95
	RG-303/U	50	Single core	0.99	2.95	3.71S	4.32
	RG-58/U	54	Single core	0.81	2.95	3.60S	4.95
	LMR-195	50	Single core	0.94	2.79	3.53	4.95
	SFF-75-3-1	75	Single core	0.55	3.00	...S	4.50
	SYV-75-3	75	7×0.17	0.51	2.95	3.85S	5.0±0.25
5A	SFF-75-3-2	75	Single core	0.55	3.00	...D	5.50
	SFF-50-3-2	50	Single core	0.93	3.00	...D	5.5D
	RG-55/U	54	Single core	0.81	2.95	4.20D	5.23
	RG-142B/U	50	Single core	0.99	2.95	4.34D	4.95
	M17/60-RG142	50		0.94	2.95	4.11	4.95
	M17/84-RG223	50		0.90	2.95	4.11	5.38
	RG-223/U	50	Single core	0.89	2.95	4.47D	5.49

	RG-400/U	50	19×0.18	0.99	2.95	4.34D	4.95
6	RG-59B/U	75	Single core	0.58	3.71	4.85S	6.15
	RG-140/U	75	Single core	0.64	3.71	4.47S	5.92
	SYV-50-5-2	50	Single core	1.37	4.6±0.2	6.20D	7.8±0.3
	RG-5A/U	50	Single core	1.29	4.60	6.30D	8.33
	RG-212/U	50	Single core	1.44	4.70	6.30D	8.43
	RG-222/U	50	Single core	1.41	4.70	6.30D	8.43
	RG-21/U	53	Single core	1.29	4.70	6.30D	8.43
	RG-6A/U	75	Single core	0.72	4.70	6.30D	8.43
	7	SYV-50-7-1	50	7×0.75	2.26	7.3±0.25	8.50S
RG-165/U		50	7×0.8	2.40	7.25	8.64S	10.40
RG-213/U		50	7×0.75	2.26	7.25	8.64S	10.29
RG-215/U		50	7×0.75	2.26	7.25	8.64S	12.07
RG-8/U		52	7×0.72	2.17	7.24	8.20S	10.29
RG-10/U		52	7×0.72	2.17	7.24	8.20S	12.07
SYV-75-7		75	7×0.4	1.20	7.25±0.25	8.50S	10.2±0.3
RG-11/U		75	7×0.4	1.20	7.24	8.20S	10.29
RG-144/U		75	7×0.45	1.35	7.25	8.38S	10.40
M17/75-RG214		50		2.26	7.24	8.71	10.80
RG-214/U		50	7×0.75	2.26	7.25	9.14D	10.80
RG-225/U		50	7×0.79	2.38	7.24	9.14D	10.92
RG-9/U		51	7×0.72	2.17	7.11	8.70D	10.67
M17/127-RG202		50		2.39	7.24	8.71	9.91

flexible cable semi-rigid/comfortable cable

cable group	cable type	Impedance Ω	diameter size Φ (mm)				
			center conductor		out diameter of insulator	out diameter of shield	out diameter of jacket
			construction	out diameter			
B2(.085)	TFlex405	50	Single core	0.51	1.63	2.16	2.64
	SFT-50-2-1	50	Single core	0.51	1.67	2.20	
	SFT-75-2	75	Single core	0.27	1.67	2.20	
	SM86	50	Single core	0.51	1.67	2.18	
	RG-405/U	50	Single core	0.51	1.67	2.20	
B3(.141)	SFT-50-3-1	50	Single core	0.93	3.00	3.60	
	SFT-75-3	75	Single core	0.55	3.00	3.60	
	RG-402/U	50	Single core	0.92	3.00	3.60	
	SM141	50	Single core	0.93	3.00	3.58	
	TFlex402	50	Single core	0.91	3.00	3.58	4.06
B5(.250)	SFT-50-5.2	50	Single core	1.60	5.20	6.00	
	SFT-75-5.3	75	Single core	0.95	5.30	6.00	
	RG-401/U	50	Single core	1.64	5.46	6.35	
	SM250	50	Single core	1.60	5.20	6.00	
	TFlex401	50	Single core	1.63	5.28	6.32	6.90