

Coaxial cable



Application:

■ For high frequency transmission specially in transmitters, receivers, computers, TV down leads, measuring instruments.

Standard:

- JIS C 3501
- MIL-C-17

Construction:

- Plain or tinned annealed copper or copper clad steel conductor.
- PE or PE foam insulation.
- Plain or tinned annealed copper shield.
PVC or PE sheath.

General specification:

50 Ohm, 75 Ohm, 93 Ohm.

Coaxial cable

JIS C 3501

Type	No. of wires x diameter Nom.	Insulation diameter	Sheath thickness	Overall diameter	Weight Approx.	Attenuation at 10MHz	Impedance
	mm	mm	mm	mm	kg/km	db/km	Ω
2.5C-2V	1 x 0.4	2.40	0.5	4.0	22	52	75
3C-2V	1 x 0.5	3.10	0.8	5.4	41	42	75
3C-2W	1 x 0.5	3.10	1.0	6.5	68	42	75
3C-2T	1 x 0.5	3.10	1.0	7.4	103	42	75
3.5C-2V *	1 x 0.8	3.60	0.6	5.5	33	27	75
4.5C-2V *	1 x 1.0	4.50	0.6	6.4	46	22	75
5C-2V	1 x 0.8	4.90	0.9	7.4	71	27	75
2.5D-2V	1 x 0.8	2.70	0.5	4.4	33	45	50
3D-2V	7 x 0.32	3.20	0.8	5.4	44	47	50
3D-2W	7 x 0.32	3.20	1.0	6.5	67	47	50
5D-2V	1 x 1.4	4.80	0.9	7.3	78	27	50
5D-2W	1 x 1.4	4.80	0.9	8.0	106	27	50

*: Insulation of these cables is PE foam.

MIL – C – 17

Type	No. of wires x diameter Nom.	Insulation diameter	Sheath thickness	Overall diameter	Weight Approx.	Attenuation at 10MHz	Impedance
	mm	mm	mm	mm	kg/km	db/km	Ω
RG-6A/U	1 x 1	4.50 □	0.6	6.27	40	27	75
RG-6/U*	1 x 1	4.50 □	0.6	6.35	33	30	75
RG-6/U**	1 x 1	4.50 □	0.6	6.33	34	32	75
RG-8/U	7 x 0.72	7.40	1.0	10.3	155	6.8	50
RG-11/U	7 x 0.4	7.21	1.0	10.11	137	18	75
RG-11/U	7 x 0.4 ○	7.21	1.2	10.28	132	20	75
RG-58/U	19 x 0.18 ○	2.96	0.7	4.95	36	17	50
RG-58/U	16 x 0.2	2.93	0.6	4.67	31	20	50
RG-59/U	1 x 0.58 △	3.70	0.8	5.84	43	12	75
RG-59/U *	1 x 0.58	3.70	0.8	5.84	48	10	75
RG-62/U **	1 x 0.58	3.70	0.8	5.84	39	14	75
RG-62/U	1 x 0.63 △	3.68 □	0.8	6.00	46	11	93
RG-213	7 x 0.75	7.25	1.3	10.30	158	7.0	50

△ Inner conductor is copper clad steel.

○ Inner conductor is tinned copper.

* Braiding wire is tinned copper.

** Braiding wire is aluminium.

□ Insulation is PE foam.

