

High frequency coaxial cables

Application:

- 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.
- PE or FOAM-PE Insulation.
- Plain or tinned annealed copper shield PVC or PE sheath.

General specification:

- 50 ohm,75 ohm,93 ohm.

JIS C-3501

TYPE	No. of wires x diameter Nom. mm	Insulation diameter over mm	Sheath thickness mm	Mean overall diameter mm	Weight Approx. kg/km	Attenuation @10MHz db/km	Impedance ohm
2.5 C-2V	1 x 0.4	2.40	0.5	4	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	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 foam-polyethylene

MIL – C -17

TYPE	No. of wires x diameter Nom.	Insulation diameter over	Sheath thickness	Mean overall diameter	Weight Approx.	Attenuation @10MHz	Impedance
	mm	mm	mm	mm	kg/km	db/km	ohm
RG-58/U	19 x 0.18	2.96	0.72	4.95	36	17.0	50
RG-59/U *	1 x 0.58	3.70	0.86	6.10	52	12.0	75
RG-62/U **	1 x 0.64	3.71	0.80	6.00	47	10.5	93

*: Inner conductor is copper clad steel

** : Inner conductor is copper clad steel and Insulation is Foam-polyethylene