
HIGH FREQUENCY COAXIAL CABLE

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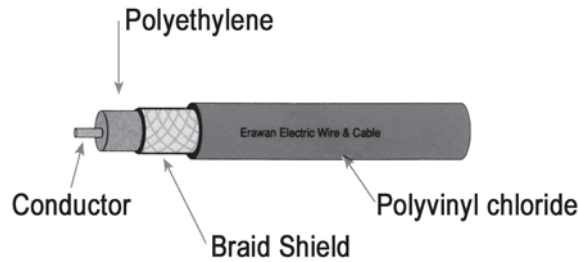
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JIS STANDARD HIGH FREQUENCY COAXIAL CABLE



APPLICATION	:	High frequency equipment, connection, internal wiring and power supply.
EQUIVALENT CABLE STRUCTURE	:	TIS 1100 - 2535
CONDUCTOR	:	Solid annealed copper (BC) or copper clad steel conductors (CCS).
INSULATION	:	Polyethylene (PE).
SHIELD	:	Bare copper braid shield.
SHEATH	:	Polyvinyl chloride (Black or Gray).

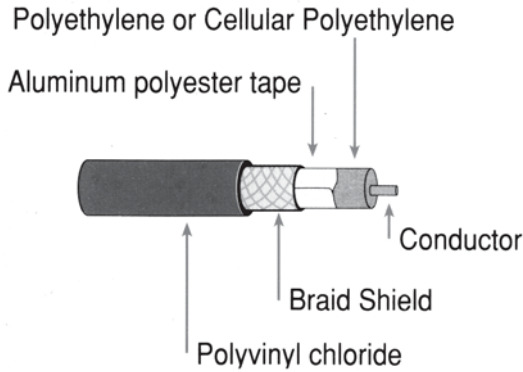
PRODUCT CODE

3 C - 2 V CS
 (1) (2) (3) (4) (5)

1. Indicates the approximate inner diameter of the outer conductor.
2. Indicates the characteristic impedance, such as :
 C : Characteristic impedance 75 ohm.
 D : Characteristic impedance 50 ohm.
3. Indicates the polyethylene insulation.
4. Indicates the structure of Shield:
 V : Single bare copper braid shield.
 W : Double bare copper braid shield.
5. Indicates the structure of inner conductor, such as :
 S : Strand inner conductor.
 CS : Copper clad steel wire inner conductor.

Type	Inner Conductor		Insulation		Braid Shield			Sheath		Conductor Resistance 20° C Max. Ohm/km	Nominal Capacitance at 1 KHz pF/km	Nominal Attenuation 10 MHz (dB/km)	Approx. weight (Kg/Km)	Standard length m/coil
	No./mm	MTRL	O.D. mm	MTRL	No./mm	No./mm	MTRL	mm	MTRL					
0.8D-2V	1/0.26	BC	0.80	PE	16/3/0.10	-	BC	2.0 ± 0.4	PVC	968	102 ± 8	180	8	100
1.5D-2V	7/0.18	BC	1.6	PE	16/5/0.10	-	BC	2.9 ± 0.4	PVC	110	104 ± 5	85	14	100
2.5D-2V	1/0.8	BC	2.7	PE	16/7/0.12	-	BC	4.3 ± 0.5	PVC	35.9	100 ± 5	45	35	100
3D-2V	7/0.32	BC	3.0	PE	24/5/0.14	-	BC	5.3 ± 0.5	PVC	33.3	100 ± 4	47	44	100
5D-2V	1/1.4	BC	4.8	PE	24/7/0.14	-	BC	7.3 ± 0.5	PVC	11.7	100 ± 4	27	80	100
5D-2W	1/1.4	BC	4.8	PE	24/7/0.14	24/7/0.14	BC	8.0 ± 0.5	PVC	11.7	100 ± 4	27	110	100
8D-2V	7/0.8	BC	7.8	PE	24/8/0.18	-	BC	11.1 ± 0.5	PVC	5.13	100 ± 4	20	180	100
10D-2V	1/2.9	BC	9.7	PE	24/10/0.20	-	BC	13.1 ± 0.6	PVC	2.67	102 ± 4	14	260	100
1.5C-2V	1/0.26	BC	1.6	PE	16/5/0.10	-	BC	2.9 ± 0.4	PVC	968	69 ± 4	96	13	100
2.5C-2V	1/0.4	BC	2.4	PE	16/6/0.12	-	BC	4.0 ± 0.5	PVC	145	69 ± 4	52	25	100
3C-2V	1/0.5	BC	3.1	PE	24/5/0.14	-	BC	5.4 ± 0.5	PVC	91.4	67 ± 3	42	42	100
3C-2VCS	1/0.5	BC	3.1	PE	24/5/0.14	-	BC	5.4 ± 0.5	PVC	256	67 ± 3	42	42	100
3C-2VS	7/0.18	BC	3.1	PE	24/5/0.14	-	BC	5.4 ± 0.5	PVC	100	67 ± 3	48	42	100
5C-2V	1/0.8	BC	4.9	PE	24/7/0.14	-	BC	7.4 ± 0.5	PVC	35.9	67 ± 3	27	74	100
5C-2W	1/0.8	BC	4.9	PE	24/7/0.14	24/7/0.14	BC	8.3 ± 0.5	PVC	35.9	67 ± 3	27	120	100
7C-2V	7/0.4	BC	7.3	PE	24/8/0.18	-	BC	10.4 ± 0.5	PVC	20.7	67 ± 3	22	140	100
10C-2V	7/0.5	BC	9.4	PE	24/10/0.20	-	BC	13.0 ± 0.6	PVC	13.1	67 ± 3	18	220	100

RG HIGH FREQUENCY COAXIAL CABLE



APPLICATION : High frequency equipment, connection, internal wiring and power supply.

CABLE STRUCTURE

CONDUCTOR : Annealed copper (BC), Copper clad steel (CCS) or Tin

INSULATION : Polyethylene (PE) or Cellular polyethylene (PEF).

SHIELD : Annealed copper or Tin coated copper braid shield.

SHEATH : Polyvinyl chloride (PVC) or Non - contaminating polyvinyl chloride (NC-PVC).

PRODUCT CODE






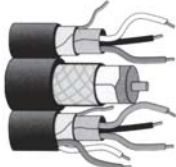
RG - 59 A/U
(1) (2) (3) (4)

1. This symbol specifies an RG high frequency coaxial cable.
2. This indicates the high frequency coaxial cable number.
3. Sometimes there is a letter in this spot, and sometimes it is omitted. If there is a letter it indicates a change in the alphabetical sequence.
4. This letter shows that the cable is for general use.

Type	Inner Conductor		Insulation		Braid Shield			Sheath		Nominal Impedance Ohm	Nominal Capacitance pF/km	Nominal Attenuation 100 MHz (dB/km)	Standard length m/coil
	No./mm	MTRL	mm	MTRL	No./mm	No./mm	MTRL	mm	MTRL				
RG-5/U	1/1.29	BC	4.70	LDPE	16/9/0.16	24/8/0.16	BC	8.4 ± 0.20	PVC	52.5	93.5	85	100
RG-6/U	1/1.024	CCS	4.57	LDPEF	16/9/0.16	16/8/0.16	TC	7.4 ± 0.20	PVC	75.0	56.8	69	100
RG-7/U	1/0.914	BC	6.35	LDPE	24/7/0.18	-	BC	9.4 ± 0.20	PVC	94.5	41.0	66	100
RG-8/U	7/0.724	BC	7.24	LDPE	24/8/0.18	-	BC	10.3 ± 0.20	PVC	52.0	96.8	69	100
RG-8A/U	7/0.724	BC	7.24	LDPE	24/8/0.18	-	BC	10.3 ± 0.20	NC-PVC	52.0	96.8	69	100
RG-11/U	7/0.404	TC	7.24	LDPE	24/8/0.18	-	BC	10.3 ± 0.20	PVC	75.0	67.3	76	100
RG-11A/U	7/0.404	TC	7.24	LDPE	24/8/0.18	-	BC	10.3 ± 0.20	NC-PVC	75.0	67.3	76	100
RG-13/U	7/0.404	TC	7.11	LDPE	24/9/0.16	24/8/0.16	BC	10.7 ± 0.20	PVC	74.0	67.3	76	100
RG-13A/U	7/0.404	TC	7.11	LDPE	24/9/0.16	24/8/0.16	BC	10.7 ± 0.20	NC-PVC	74.0	67.3	76	100
RG-14/U	1/2.59	BC	9.40	LDPE	24/10/0.18	24/8/0.18	BC	13.8 ± 0.20	PVC	52.0	96.8	46	100
RG-14A/U	1/2.59	BC	9.40	LDPE	24/10/0.18	24/8/0.18	TC	13.8 ± 0.20	NC-PVC	52.0	96.8	46	100
RG-15/U	1/1.45	CCS	9.40	LDPE	24/10/0.18	24/8/0.18	BC	13.8 ± 0.20	PVC	76.0	65.6	49	100
RG-17/U	1/4.78	BC	17.30	LDPE	24/14/0.255	-	BC	22.1 ± 0.35	PVC	52.0	96.8	28	100
RG-17A/U	1/4.78	BC	17.30	LDPE	24/14/0.255	-	BC	22.1 ± 0.35	NC-PVC	52.0	96.8	28	100
RG-19/U	1/6.35	BC	23.10	LDPE	36/12/0.255	-	BC	28.5 ± 0.40	PVC	52.0	96.8	22	100
RG-19A/U	1/6.35	BC	23.10	LDPE	36/12/0.255	-	BC	28.5 ± 0.40	NC-PVC	52.0	96.8	22	100
RG-22/U	7/0.386X2C	BC	7.24	LDPE	24/8/0.18	-	BC	10.3 ± 0.20	PVC	95.0	52.5	118	100
RG-22A/U	7/0.386X2C	BC	7.24	LDPE	24/8/0.16	24/8/0.16	BC	10.7 ± 0.20	PVC	95.0	52.5	118	100
RG-22B/U	7/0.386X2C	BC	7.24	LDPE	24/8/0.16	24/8/0.16	BC	10.7 ± 0.20	NC-PVC	95.0	52.5	118	100
RG-29/U	1/0.813	BC	2.95	LDPE	16/7/0.127	-	BC	4.7 ± 0.15	PE	53.5	93.5	138	100
RG-34/U	7/0.724	BC	11.60	LDPE	24/9/0.16	-	BC	15.9 ± 0.25	PVC	71.0	70.5	46	100
RG-34B/U	7/0.632	BC	11.70	LDPE	24/10/0.18	-	BC	16.0 ± 0.25	NC-PVC	75.0	67.0	48	100
RG-54A/U	7/0.386	BC	4.52	LDPE	16/9/0.16	-	BC	6.1 ± 0.15	PE	58.0	85.8	187	100
RG-55/U	1/0.813	BC	2.90	LDPE	16/7/0.127	16/8/0.127	BC	5.0 ± 0.15	PE	53.5	93.6	138	100
RG-58/U	1/0.813	BC	2.95	LDPE	16/7/0.127	-	TC	4.95 ± 0.15	PVC	53.5	93.5	138	100
RG-58A/U	19/0.18	TC	2.95	LDPEF	16/7/0.127	-	TC	4.95 ± 0.15	PVC	50.0	93.5	174	100
RG-58C/U	19/0.18	TC	2.95	LDPE	16/7/0.127	-	TC	4.95 ± 0.15	NC-PVC	50.0	93.5	174	100
RG-59/U	1/0.643	CCS	3.71	LDPE	16/7/0.16	-	BC	6.15 ± 0.15	PVC	73.0	68.9	125	100
RG-59A/U	1/0.643	CCS	3.71	LDPE	16/7/0.16	-	TC	6.15 ± 0.15	NC-PVC	73.0	68.9	125	100
RG-59B/U	1/0.584	CCS	3.71	LDPE	16/7/0.16	-	BC	6.15 ± 0.15	NC-PVC	75.0	68.9	112	100
RG-62/U	1/0.643	CCS	3.71	LDPE	16/7/0.16	-	BC	6.15 ± 0.15	PVC	93.0	44.3	102	100
RG-62A/U	1/0.643	CCS	3.71	LDPE	16/7/0.16	-	BC	6.15 ± 0.15	NC-PVC	125.0	32.8	66	100
RG-63/U	1/0.643	CCS	7.24	LDPE	24/8/0.18	-	BC	10.3 ± 0.20	PVC	125.0	32.8	66	100
RG-63B/U	1/0.643	CCS	7.24	LDPE	24/8/0.18	-	BC	10.3 ± 0.20	NC-PVC	125.0	32.8	66	100
RG-71/U	1/0.643	CCS	3.71	LDPE	16/7/0.16	16/8/0.127	BC	6.4 ± 0.15	PE	93.0	44.3	102	100
RG-89/U	1/0.643	CCS	7.24	LDPE	16/12/0.18	-	BC	16.0 ± 0.25	PVC	125.0	32.8	66	100
RG-108/U	7/0.32X2C	TC	1.84	LDPE	16/6/0.127	-	BC	6.2 ± 0.15	NC-PVC	78.0	74.3	-	100
RG-108A/U	7/0.32X2C	TC	2.01	LDPE	16/6/0.127	-	BC	5.97 ± 0.15	NC-PVC	78.0	74.3	-	100
RG-122/U	27/0.127	TC	2.44	LDPE	16/6/0.127	-	BC	4.06 ± 0.15	NC-PVC	50.0	105.0	195	100
RG-130/U	7/0.724X2C	BC	12.00	LDPE	24/8/0.255	-	BC	15.9 ± 0.25	PVC	95.0	56.0	99	100
RG-133A/U	1/0.645	BC	7.20	LDPE	24/8/0.18	-	BC	10.3 ± 0.20	NC-PVC	95.0	53.0	76	100
RG-164/U	1/2.65	BC	17.30	LDPE	24/14/0.255	-	BC	22.1 ± 0.35	NC-PVC	75.0	67.0	30	100
RG174/U	7/0.16	CCS	1.52	LDPE	16/5/0.10	-	TC	2.54 ± 0.15	NC-PVC	50.0	110.0	259	100
RG-213/U	7/0.752	BC	7.24	LDPE	24/8/0.18	-	BC	10.3 ± 0.20	NC-PVC	50.0	100.0	69	100
RG-216/U	7/0.404	TC	7.24	LDPE	24/9/0.16	24/8/0.16	BC	10.8 ± 0.20	NC-PVC	75.0	67.0	88	100
RG-217/U	1/2.69	BC	9.40	LDPE	24/10/0.18	24/8/0.18	BC	13.8 ± 0.25	NC-PVC	50.0	100.0	50	100



SPECIAL APPLICATION MATV CABLE

Type	Inner Conductor		Insulation		No. of Shields & Material	Sheath		Nominal Impedance Ohm	Nominal Capacitance pF/km	Nominal Attenuation 100 MHz (dB/100m)	Standard length m/coil
	No./mm or AWG	MTRL	O.D. mm	MTRL		O.D. mm	MTRL				
 RG - 59/U	1/0.81	CCS	3.71	Cellular Polyethylene	Aluminum/ Polyester tape 53% 34 AWG TC or Aluminum braid coverage	6.15	PVC	75	56.7	8.2	100
 RG - 59/U with support	1/0.81	CCS	3.71	Cellular Polyethylene	Aluminum/ Polyester tape 53% 34 AWG TC or Aluminum braid coverage	6.15 x 9.60	PVC Messengered 1.3 mm. galva- nized steel messenger	75	56.7	8.2	100
 RG - 6/U	1/1.02	CCS	4.57	Cellular Polyethylene	Aluminum/ Polyester tape 60% 34 AWG TC or Aluminum braid coverage	6.99	PVC	75	56.7	6.9	100
 RG - 6/U with support	1/1.02	CCS	4.57	Cellular Polyethylene	Aluminum/ Polyester tape 60% 34 AWG TC or Aluminum braid coverage	6.99 x 10.57	PVC Messengered 1.3 mm. galva- nized steel messenger	75	56.7	6.9	100
 RG - 11/U	1/1.63	CCS	7.24	Cellular Polyethylene	Aluminum/ Polyester tape 60% 34 AWG TC or Aluminum braid coverage	10.29	PVC	75	56.7	4.9	100
 RG - 11/U with support	1/1.63	CCS	7.24	Cellular Polyethylene	Aluminum/ Polyester tape 60% 34 AWG TC or Aluminum braid coverage	10.29 x 13.75	PVC Messengered 1.3 mm. galva- nized steel messenger	75	56.7	4.9	100
 TVRO MULTI-PAK RG - 6/U	3 Cond. 22(7x30) AWG	BC	1.55	Polypropylene	Polyester tape 100% Aluminum/ Polyester tape coverage with drain wire	4.9	PVC	-	-	-	100
			Color code : white, black, red								
	1 Coax. 18 AWG	CCS	4.57	Cellular Polyethylene	Aluminum/ Polyester tape 60% 34 AWG TC or Aluminum braid coverage	6.99	PVC	75	56.7	6.9	
											1.35
3 Cond. 22(7x30) AWG		BC	Color code : orange, green black								
2 Cond. 14(7x22) AWG	CCS		2.65	Polypropylene	-	-	-	-	-	-	-
			Color code : white, red								