

RG Type

RoHS Compliant Cable

■ Feature & Application

- Comply with US MIL and Japanese Defence Agency Standards
- Polyethylene insulation with copper wire braid provides shielding effect
- Against UV, fire retardant lead-free PVC and non-migration PVC, all comply with RoHS standard
- Connecting electronic and telecommunications equipment
- Connecting measuring instruments
- Computer data communication

■ Construction



1. Inner Conductor: AC (Annealed Copper Wire)
TAC (Tin-plated Copper Wire)
CCS (Copper Clad Steel Wire)
2. Insulation: PE (Polyethylene)
PESSt (Semi-Solid Polyethylene + Polyethylene tube)
3. Outer Conductor: AC (Annealed Copper Wire) Braid
TAC (Tin-plated Copper Wire) Braid
4. Sheath: Lead-free PVC, -20°C ~ +70°C
PVC II (Lead-free Non-migration PVC), -40°C ~ +105°C

Item / Model	Inner Conductor		Insulation		Outer Conductor		Sheath			Approximate Weight kg/km
	Material	Strand / Diameter (mm)	Material	Diameter (mm)	Material	Diameter (mm)	Material	Standard Color	Diameter (mm)	
RG - 8/U	AC	7/0.724	PE	7.2	AC	8.1	PVC	Black	10.3	160
RG - 8A/U	AC	7/0.724	PE	7.2	AC	8.1	PVC II	Black	10.3	160
RG - 11/U	TAC	7/0.404	PE	7.2	AC	8.1	PVC	Black	10.3	145
RG - 11A/U	TAC	7/0.404	PE	7.2	AC	8.1	PVC II	Black	10.3	145
RG - 58/U	AC	1/0.813	PE	3.0	TAC	3.6	PVC	Black	4.95	40
RG - 58A/U	TAC	19/0.180	PE	2.9	TAC	3.6	PVC	Black	4.95	40
RG - 59/U	CCS	1/0.643	PE	3.7	AC	4.5	PVC	Black	6.2	60
RG - 59B/U	CCS	1/0.584	PE	3.7	AC	4.5	PVC II	Black	6.2	60
RG - 62A/U	CCS	1/0.643	PESSt	3.7	AC	4.5	PVC II	Black	6.2	55
RG - 213/U	AC	7/0.752	PE	7.2	AC	8.1	PVC II	Black	10.3	160

■ Standard Attenuation Loss V.S. Frequency Characteristics

Item Model	Electrostatic Capacity	Impedance	Standard Attenuation Loss dB/km					
	nF/km	Ω	1 MHz	10 MHz	30 MHz	100 MHz	300 MHz	1,000 MHz
RG-8/U	97	52±2	6.3	19	36	69	138	295
RG-8A/U	97	52±2	6.3	19	36	69	138	295
RG-11/U	67	75±3	6.7	20	36	69	125	256
RG-11A/U	67	75±3	6.7	20	36	69	125	256
RG-58/U	93.5	53.5±2.5	12.0	40	70	130	232	448
RG-58A/U	102	50±2	15.0	47	88	172	300	575
RG-59/U	67	73±3	10.0	33	58	109	195	382
RG-59B/U	67	73±3	14.0	34	62	124	215	392
RG-62A/U	44	93±5	11.0	33	66	102	158	320
RG-213/U	102	50±2	5.6	20	36	68	125	254

Remark: Max. attenuation loss is 115% of standard attenuation

■ Connector

- Variable high quality connectors available



URL <http://www.kantsu.co.jp>

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