Coaxial Cable – RG Type

Application

Radio-frequency coaxial similar to military specifications.

Specification

- Centre Conductors
  Centre cable conductor may be solid or stranded wire or, in some cases, a tube. Selection is made on the mechanical and electrical properties desired. Solid wires result in lowest cable attenuation. Stranding permits increased cable flexibility but also increases attenuation. Bare, tinned or silver-plated copper wire is usually used for centre conductors. Other materials are Copperweld, cadmium bronze, aluminium and nichrome.
- Dielectrics (Cable)
  Extruded Polyethylene. Low cost, flexibility, ease of application, high dielectric strength and low dielectric constant make it well suited for RF applications. It is the most commonly used low-temperature cable dielectric.
  Foam Core (Cellular Polyethylene). An excellent low-temperature dielectric formed by expanding polyethylene with millions of bubbles of an inert gas. Its low dielectric constant of 1.5, compared with 2.26 for solid polyethylene, permits the design of lower attenuation and low capacity cables.
- Teflon
  Teflon will withstand high temperature applications. It has high dielectric strength and a very low dielectric constant. Its ability to withstand exposure to gasses and liquids makes it the dielectric selected where other materials would be inadequate.
- Outer Conductors
  Shield (Armour) or Braid. The outer conductor is usually made of a metal braid but it can be a solid tube.
  The braid is used where flexibility is a vital factor. Tubular construction is used where a high degree of shielding is required. Tubular construction also provides lower cable attenuation. Two adjacent braids offer better shielding action than one braid. Braids are generally made of copper, tinned copper or silver-plated copper.
- Operating Temperature Limits
  Type I (black PVC jacket): -40°C to 80°C.
  Type II (grey PVC jacket): -25°C to 80°C.
  Type IIA (black or grey PVC jacket):
  Under 1/4" O.D. -55°C to 90°C.
  Over 1/4" O.D. -40°C to 90°C.
  Type IIIA (black polyethylene jacket):
  -55°C to 85°C.
  Type IV (black synthetic rubber jacket).
  Under 1/2" O.D. -55°C to 80°C.
  Over 1/2" O.D. -40°C to 80°C.
  Type V (fibreglass braid jacket):
  -55°C to 250°C.
  Type VI (silicon-rubber dacron braid jacket):
  -55°C to 170°C.
  Type VII (PTFE Teflon jacket):
  -55°C to 250°C.
  Type VIII (synthetic rubber jacket):
  -55°C to 75°C.
  Type IX (FEP Teflon jacket):
  -55°C to 200°C.

Coaxial Cable – RG Type

- Jacket Types

  Type 1, black polyvinyl chloride. Excellent weathering and abrasion-resistant properties, but is of contaminating type and will cause cable attenuation to increase with age. Can be used for direct burial. Type II, grey polyvinyl chloride. A non-contaminating jacket.

  Type IIA, black or grey polyvinyl chloride. Non-contaminating. Good weathering and abrasion-resistant properties. Can be used for direct burial.

  Type IIIA, black polyethylene. Moisture resistant, abrasion-resistant, defies ultraviolet damage. Non-contaminating. Recommended for direct burial.

  Type IV, black synthetic rubber. Used only on high-voltage pulse cables. The basic material is polymerised chloroprene.

  Type V, fibreglass braid. Impregnated with silicone varnish to provide abrasion resistance and a moisture seal.

  Type VI, silicone rubber dacron braid. Two wraps of silicone rubber-impregnated fibreglass tape, fused into a homogeneous layer. A dacron braid is supplied, followed by a high temperature fluorcarbon lacquer.

  Type VII, polytetrafluoroethylene Teflon. Either extruded or tape wrapped. Withstands high temperatures, chemically inert, insoluble in liquids and gases.

  Type VIII, synthetic rubber. A polychloroprene compound, used with only a few pulse cables, primarily as a jacket material for multiconductor cables.

  Type IX, fluorinated ethylene propylene Teflon. Excellent weathering properties, chemically inert.

Coaxial Cable – RG Type

Abbreviations used in the following tables

Dielectric

CEL PE	Cellular Polyethylene
FEP	Fluorinated Ethylene Propylene (Solid)
PE	Polyethylene (Solid)
PIB	Polyisobutylene, Type B, per MIL-C-17D
PS	Polystryrene
PTFE	Polytetrafluoroethylene (Solid)
Rubber	per MIL-C-17

Conductors & Braid Materials

AL	Aluminium
BC	Bare copper
BCCS	Bare copper covered steel
BerC	Beryllium-copper alloy
CCA	Copper covered aluminium
CCS	Copper covered steel
GS	Galvanised steel
HR	High resistance wire
MY	Mylar
NC	Nickel coated copper
SC	Silver covered copper
SCBerC	Silver covered Beryllium-copper alloy
SCCad Br	Silver covered cadmium bronze
SCCAl	Silver coated copper covered aluminium
SCCS	Silver covered copper covered steel
SCS	Silver covered strip
TC	Tinned copper
TCCS	Tinned copper covered steel

Jacket Material

CLP	Cross-linked Polyolefin
E-CTFE-XI	Ethylene/Chlorotrifluoroethylene Copolymer
ETFE-X	Ethylene/Tetrafluoroethylene Copolymer
FEP-IX	Fluorinated Ethylene Propylene Type IX per MIL-C-17
FG Braid V	Fibreglass, impregnated, Type V, per MIL-C-17
HDPE	High density polyethylene
PE-III	Clear polyethylene
PE-IIIA	High molecular weight, black polyethylene Type IIIA, per MIL-C-17
PFA-XIII	Perfluoroalkoxy, per MIL-C-17
PTFE	Polytetrafluoroethylene, per MIL-C-17
PUR	Polyurethane, black specific compounds
PVC-I	Black polyvinyl chloride, contaminating, Type I, per MIL-C-17D
PVC-II	Grey polyvinyl chloride, non-contaminating, Type II, per MIL-C-17D
PVC-IIA	Black polyvinyl chloride, non-contaminating, Type IIA, per MIL-C-17
Rubber	Per MIL-C-17
SIL/DAC-VI	Dacron braid over silicon rubber, Type VI, per MIL-C-17
TPE	Thermoplastic Elastomer

Coaxial Cable – RG Type

RG/U Type	Inner Conductor	Dielectric Material	DOD (in)	No & Type of Shielding Braids	Jacket Material	O/D (in)	Weight (lbs/ft)	Nominal Imped (ohms)	Nominal Cap (pF/ft)	Maximum Oper Temperature Range (°C)		Maximum Oper Voltage (Volts RMS)	Comments
4	0.0320"BC	PE	0.116	2:BC	PVC-1	0.226	0.025	50.0	30.8	-40	+80	1,900	Use RG58C
5	0.0508"BC	PE	0.185	2:BC	PVC-1	0.332	0.088	52.5	28.5	-40	+80	3,000	Use up to 100 MHz
5A	0.0508"SC	PE	0.181	2:BC	PVC-II	0.328	0.088	50.0	30.8	-40	+80	3,000	Use RG212
5B	0.0508"SC	PE	0.181	2:BC	PVC-IIA	0.328	0.087	50.0	30.8	-40	+80	3,000	Use RG212
6	0.0285"CCS	PE	0.185	2:Inner SC Outer BC	PVC-II	0.332	0.081	76.0	20.0	-40	+80	2,700	Use RG6A
6A	0.0285"SC	PE	0.185	2:Inner SC Outer BC	PVC-II	0.332	0.082	75.0	20.6	-40	+80	2,000	Good Attenuation Stability
7	0.0359"BC	Air-space PE	0.250	1:BC	PVC-I	0.370	0.080	95.0	12.5	-40	+80	1,000	Use RG63B
8	0.0855" 7/0.0285"BC	PE	0.285	1:BC	PVC-1	0.405	0.106	52.0	29.5	-40	+80	4,000	Use RG213
8A	0.0855" 7/0.0285"SC	PE	0.285	1:BC	PVC-IIA	0.405	0.106	52.0	29.5	-40	+80	5,000	Use RG213
9	0.0855" 7/0.0285"SC	PE	0.280	2:Inner SC Outer BC	PVC-II	0.420	0.140	51.0	30.0	-40	+80	4,000	Use RG214
9A	0.0855" 7/0.0285"SC	PE	0.280	2:SC	PVC-II	0.420	0.140	51.0	30.0	-40	+80	4,000	Use RG214
9B	0.0855" 7/0.0285"SC	PE	0.280	2:SC	PVC-IIA	0.420	0.150	50.0	30.8	-40	+80	5,000	Use RG214
10	0.0855" 7/0.0285"SC	PE	0.285	1:BC	PVC-II with Armour	0.475 max	0.146	52.0	29.5	-40	+80	4,000	Use RG215
10A	0.0855" 7/0.0285"BC	PE	0.285	1:BC	PVC-IIA with Armour	0.485 max	0.146	52.0	29.5	-40	+80	5,000	Use RG215
11	0.0477" 7/0.0159"TC	PE	0.285	1:BC	PVC-I	0.405	0.096	75.0	20.6	-40	+80	4,000	Use up to 100 MHz

Coaxial Cable – RG Type

RG/U Type	Inner Conductor	Dielectric Material	DOD (In)	No & Type of Shielding Braids	Jacket Material	O/D (In)	Weight (lbs/ft)	Nominal Imped (ohms)	Nominal Cap (pF/ft)	Maximum Oper Temperature Range (°C)		Maximum Oper Voltage (Volts RMS)	Comments
11A	0.047" 7/0.0159"TC	PE	0.285	1:BC	PVC-IIA	0.405	0.096	75.0	20.6	-40	+80	5,000	Use up to 1000 MHz
12	0.0477" 7/0.0159"TC	PE	0.285	1:BC	PVC-II with Armour	0.475 max	0.141	75.0	20.6	-40	+80	(Use RG12A)	
12A	0.0477" 7/0.0159"TC	PE	0.285	1:BC	PVC-IIA with Armour	0.475 max	0.141	75.0	20.6	-40	+80	5,000	Use up to 1000 MHz
13	0.0477" 7/0.0159"TC	PE	0.280	2:BC	PVC-1	0.420	0.126	74.0	20.8	-40	+80	4,000	Use RG216
13A	0.0477 7/0.0159"TC	PE	0.280	2:BC	PVC-IIA	0.420	0.126	74.0	20.8	-40	+80	5,000	Use RG216
14	0.102"BC	PE	0.370	2:BC	PVC-II	0.545	0.216	52.0	29.5	-40	+80	5,500	Use RG217
14A	0.1020"BC	PE	0.370	2:BC	PVC-IIA	0.545	0.216	52.0	29.5	-40	+80	7,000	Use RG217
15	0.0571"CCS	PE	0.370	2:BC	PVC-1	0.545	0.197	76.0	20.0	-40	+80	5,000	Use up to 1000 MHz
16	0.1250"BC	PE	0.460	1:BC	PVC-1	0.630	0.254	52.0	29.5	-40	+80	6,000	Use up to 1000 MHz
17	0.1880"BC	PE	0.680	1:BC	PVC-II	0.870	0.460	52.0	29.5	-40	+80	11,000	Use up to 1000 MHz
17A	0.1880"BC	PE	0.680	1:BC	PVC-IIA	0.870	0.460	52.0	29.5	-40	+80	11,000	Use RG218
17B (Cancelled, Reassigned New Nomenclature, RG177)													
18	0.1880"BC	PE	0.680	1:BC	PVC-II with Armour	0.945 max	0.585	52.0	29.5	-40	+80	11,000	Use RG219
18A	0.1880"BC	PE	0.680	1:BC	PVC-IIA with Armour	0.945 max	0.585	52.0	29.5	-40	+80	11,000	Use RG219
19	0.2500"BC	PE	0.910	1:BC	PVC-II	1.20	0.740	52.0	29.5	-40	+80	14,000	Use RG220
19A	0.2500"BC	PE	0.910	1:BC	PVC-IIA	1.120	0.740	52.0	29.5	-40	+80	14,000	Use RG220
20	0.2500"BC	PE	0.910	1:BC	PVC-II with Armour	1.195 max	0.925	52.0	29.5	-40	+80	14,000	Use RG221

Coaxial Cable – RG Type

RG/U Type	Inner Conductor	Dielectric Material	DOD (In)	Number & Type of Shielding Braids	Jacket Material	O/D (In)	Weight (lbs/ft)	Nominal Imped (ohms)	Nominal Cap (pF/ft)	Max Oper Temperature Range (°C)	Maximum Oper Voltage (Volts RMS)	Comments
20A	0.2500"BC	PE	0.910	1:BC	PVC-IIA with Armour	1.195 max	0.925	52.0	29.5	-40 +80	14,000	Use RG221
21	0.0508"high resistance wire	PE	0.185	2:SC	PVC-II	0.332	0.087	53.0	29.0	-40 +80	2,700	Use RG222
21A	0.050"high resistance wire	PE	0.185	2:SC	PVC-IIA	0.332	0.087	53.0	29.0	-40 +80	2,700	Use RG222
22	2 cond. 0.0456" 7/0.0152"BC	PE	0.285	1:TC	PVC-I	0.405	0.105	95.0	16.0	-40 +80	1,000	Balanced line with twisted cond.
22A	2 cond. 0.0456" 7/0.0152"BC	PE	0.285	2:TC	PVC-II	0.420	0.151	95.0	16.0	-40 +80	1,000	Balanced line with twisted cond.
22B	2 cond. 0.0456" 7/0.0152"BC	PE	0.285	2:TC	PVC-IIA	0.420	0.151	95.0	16.0	-40 +80	1,000	Balanced line with twisted cond.
23	2 cond. 0.8555" 7/0.0285"BC	PE, 2 cores	0.380	2-individual inner Common outer BC	PVC-I	0.650 x 0.945	0.490	125.0	12.0	-40 +80	3,000	Use RG23A
23A	2 cond. 0.0855" 7/0.0285"BC	PE, 2 cores	0.380	2-individual inner Common outer BC	PVCIIA	0.650 x 0.945	0.490	125.0	12.0	-40 +80	3,000	Dual coaxial balanced line
24	2 cond. 0.0855" 7/0.0285"BC	PE, 2 cores	0.380	2-individual inner Common outer BC	PVC-IIA	1.034 x 0.735*	0.670	125.0	12.0	-40 +80	3,000	Use RG24A (*max)
24A	2 cond. 0.0855" 7/0.0285"BC	2PE, 2 cores	0.380	2-individual inner Common outer BC	PVC-IIa with Armour	1.034 x 0.735*	0.670	125.0	12.0	-40 +80	3,000	Use Armoured RG23A (*max)
25A	0.0585" 19/0.0117"TC	Rubber-E	0.288	2:TC	Rubber-IV	0.505	0.205	48.0	50.0	-40 +80	10,000	
26A	0.0585" 19/0.011"TC	Rubber-E	0.288	1:TC	Rubber-IV with Armour	0.505 max	0.189	48.0	50.0	-40 +80	10,000	
27A	0.0925" 19/0.0185"TC	Rubber-D	0.455	1:TC	Rubber-IV with Armour	0.670 max	0.304	48.0	50.0	-40 +80	15,000	

Coaxial Cable – RG Type

RG/U Type	Inner Conductor	Dielectric Material	DOD (In)	No & Type of Shielding Braids	Jacket Material	O/D (In)	Weight (lbs/ft)	Nominal Imped (ohms)	Nominal Cap (pF/ft)	Maximum Oper Temperature Range (°C)	Max Oper Voltage (Volts RMS)	Comments
28B	0.0925" 19/0.0185"TC	Rubber-D	0.455	2:TC, GS	Rubber-IV	0.750	0.370	48.0	50.0	-40 +80	15,000	
29	0.0320"BC	PE	0.116	1:TC	PE-III	0.184 max	0.021	53.5	28.5	-55 +80	1,900	Use RG58
30	0.0477" 7/0.0159"BC	PIB	0.185	1:BC	PVC-I	0.250	0.044	50.0	27.0	-40 +80	1,500	Use RG58
31	0.0855" 7/0.0285"BC	PIB	0.285	1:BC	PVC-I	0.405	0.106	51.0	31.0	-40 +80	2,000	Use RG213
32	0.0855" 7/0.0285"BC	PIB	0.285	1:BC	PVC-I with Armour	0.465	0.141	51.0	29.0	-40 +80	2,000	Use RG215
33	0.1019"	PE	0.370	None	Lead	0.470	0.390	51.0	30.0	-55 +80	6,000	
34	0.0855" 7/0.0285"BC	PE	0.455	1:BC	PVC-I	0.625	0.224	71.0	21.5	-40 +80	5,200	Use RG31B
34A	0.0747 7/0.0249"BC	PE	0.450	1:BC	PVC-IIA	0.630	0.224	75.0	20.6	-40 +80	6,500	Use RG34B
34B	0.0747" 0.0249"BC	PE	0.460	1:BC	PVC-IIA	0.630	0.224	75.0	20.6	-40 +80	6,500	Use up to 1100 MHz
35	0.1144"BC	PE	0.680	1:BC	PVC-II with Armour	0.945 max	0.525	71.0	21.5	-40 +80	10,000	Use RG35B
35A	0.1045"BC	PE	0.680	1:BC	PVC-IIA with Armour	0.945 max	0.525	75.0	20.6	-40 +80	10,000	Use RG35B
35B	0.1045"BC	PE	0.680	1:BC	PVC-IIA with Armour	0.945 max	0.525	75.0	20.6	-40 +80	10,000	Unarmoured see RG164
36	0.1620"PC	PE	0.0910	1:BC	PVC-I	1.180	0.805	69.0	22.0	-40 +80	13,000	Use up to 1000 MHz
37	0.320"TC	Rubber-C	0.140	1:TC	PE-III	0.210	0.040	52.5	38.0	-55 +80	750	
38	0.0453"TC	Rubber-C	0.196	2:TC	PE-III	0.312	0.110	52.5	38.0	-55 +80	1,000	
39	0.0253"CCS	Rubber-C	0.196	2:TC	PE-III	0.312	0.100	72.5	28.6	-55 +80	1,000	
40	0.0253"CCS	Rubber-C	0.0196	2:TC	Rubber-IV	0.420	0.150	72.5	28.0	-40 +80	1,000	

Coaxial Cable – RG Type

RG/U Type	Inner Conductor	Dielectric Material	DOD (In)	No & Type of Shielding Braids	Jacket Material	O/D (In)	Weight (lbs/ft)	Nominal Imped (ohms)	Nominal Cap (pF/ft)	Maximum Oper Temperature Range (°C)		Max Oper Voltage (Volts RMS)	Comments
41	0.0490" 16/0.0100"TC	Rubber-C	0.250	1:TC	Rubber-IV	0.425	0.150	67.5	27.6	-40	+80	3,000	
42	0.0285" Resistance wire	PE	0.196	2:SC	PVC-II	0.342	0.050	78.00	20.0	-40	+80	2,700	Use RG222
43	2 cond. 0.0855" 7/0.0285"BC	Rubber-B	0.472	1:BC	PVC-I	0.617		95.0	17.6	-40	+80	1,500	Use RG57
54	0.0477" 7/0.0159"	PE	0.185	1:BC	PVC-I	0.275	0.045	58.0	27.0	-40	+80	2,500	Use RG54A
54A	0.0456" 7/0.0152"BC	PE	0.178	1:TC	PE-III	0.250 max	0.041	58.0	26.5	-55	+80	3,000	Use up to 1000 MHz
55	0.0320"BC	PE	0.116	2:TC	PE-III	0.206 max	0.032	53.5	28.5	-55	+80	1,900	Use RG55B
55A	0.0350"SC	PE	0.116	2:SC	PVC-IIA	0.216 max	0.034	50.0	30.8	-40	+80	1,900	Use RG223
55B	0.0320"SC	PE	0.116	2:TC	PE-IIIA	0.206 max	0.033	53.5	28.5	-55	+80	1,900	Use up to 1000 MHz
56	0.0585" 19/0.0117"BC	Rubber-D	0.308	2:BC	PVC-I	0.535	0.243	48.0	50.0	-40	+80	8,000	
57	2 cond. 0.0855" 7/0.0285"BC	PE	0.472	1:TC	PVC-I	0.625	0.225	95.0	17.0	-40	+80	3,000	Balanced line parallel
57A	2 cond. 0.0855" 7/0.0285"BC	PE	0.472	1:TC	PVC-IIA	0.625	0.225	95.0	17.0	-40	+80	3,000	Balanced line parallel
58	0.0320"SC	PE	0.116	1:TC	PVC-I	0.195	0.029	53.5	28.5	-40	+80	1,900	Use RG58B
58A	0.0355" 19/0.0071"TC	PE	0.116	1:TC	PVC-I	0.195	0.029	52.0	28.5	-40	+80	1,900	Use RG58C
58B	0.0320"BC	PE	0.116	1:TC	PVC-IIA	0.195	0.029	53.5	28.5	-40	+80	1,900	Use up to 1000 MHz
58C	0.0355" 19/0.0071"TC	PE	0.116	1:TC	PVC-I	0.195	0.029	52.0	28.5	-40	+80	1,900	

Coaxial Cable – RG Type

RG/U Type	Inner Conductor	Dielectric Material	DOD (In)	No. & Type of Shielding Braids	Jacket Material	O/D (In)	Weight (lbs/ft)	Nominal Imped (ohms)	Nominal (pF/ft)	Maximum Oper Temperature Range (ºC)		Max Oper Voltage (Volts RMS)	Comments
59	0.0253"CCS	PE	0.146	1:BC	PVC-I	0.242	0.032	73.0	21.0	-40	+80	2,300	Use RG59B
59A	0.0253"CCS	PE	0.146	1:BC	PVC-IIA	0.242	0.032	73.0	21.0	-40	+80	2,300	Use RG59B
59B	0.0230"CCS	PE	0.146	1:BC	PVC-IIA	0.242	0.032	75.0	20.6	-40	+80	2,300	Use up to 1000 MHz
60	0.0508"Str.C	Rubber-C	0.250	1:BC	Rubber-IV	0.425	0.150	50.0	39.0	-40	+80	1,100	
62	0.053"CCS	Air-space PE	0.146	1:BC	PVC-I	0.242	0.038	93.0	13.5	-40	+80	750	Use RG62A
62A	0.0253"CCS	Air-space PE	0.146	1:BC	PVC-IIA	0.242	0.038	93.0	13.5	-40	+80	750	Low-capacitance
62B	0.0240" 7/0.0080"CCS	Air-space PE	0.146	1:BC	PVC-IIA	0.242	0.038	93.0	13.5	-40	+80	750	Extra Flexible RG62A
63	0.0253"CCS	Air-space PE	0.285	1:BC	PVC-I	0.405	0.083	125.0	10.0	-40	+80	1,000	Use RG63B
63A	0.0253"BC	Air-space PE	0.285	1:BC	PVC-I	0.405	0.083	125.0	10.0	-40	+80	1,000	Use RG63B
63B	0.0253"CCS	Air-space PE	0.285	1:BC	PVC-IIA	0.405	0.083	125.0	10.0	-40	+80	1,000	Low-capacitance
64	0.0585" 19/0.0117"TC	Rubber-D	0.308	2:TC	Rubber-IV	0.495	0.225	48.0	60.0	-40	+80	10,000	
64A	0.0585" 19/0.0117"TC	Rubber-E	0.288	2:TC	Rubber-IV	0.475 max	0.205	48.0	50.0	-40	+80	10,000	
65	0.0018"Formex-F 0.1280" dia. Helix	PE	0.285	1:BC	PVC-I	0.405	0.096	950.0	44.0	-40	+80	1,000	High impedance video delay line
65A	0.0080"Formex-F 0.1280" dia. Helix	PE	0.285	1:BC	PVC-IIA	0.405	0.096	950.0	44.0	-40	+80	1,000	High impedance video delay line
71	0.0253"CCS	Air-space PE	0.146	2:TC	PVC-I	0.250 max	0.046	93.0	13.5	-40	+80	750	Use RG71B

Coaxial Cable – RG Type

RG/U Type	Inner Conductor	Dielectric Material	DOD (In)	No & Type of Shielding Braids	Jacket Material	O/D (In)	Weight (lbs/ft)	Nominal Imped (ohms)	Nominal Cap (pF/ft)	Maximum Oper Temperature Range (°C)		Max Oper Voltage (Volts RMS)	Comments
72	0.0253"CCS	Air-space PE	0.460	1:BC	PVC-1	0.630	0.169	150.0	7.8	-40	+80	750	Low-capacitance
73	0.0320"BC	PE	0.116	2:BC	Copper Braid	0.175	0.031	25.0	61.8	-55	+80	1,000	Low-impedance
74	0.1020"BC	PE	0.370	2:BC	PVC-II with Armour	0.615 max	0.310	52.0	29.5	-40	+80	5,500	Use RG224
74A	0.1020"BC	PE	0.370	2:BC	PVC-IIA with Armour	0.615 max	0.310	52.0	29.5	-40	+80	7,000	Use RG224
77A	0.0558" 19/0.011"TC	Rubber-E	0.269	2:TC	PVC-IIA	0.450	0.195	48.0	50.0	-40	+80	8,000 Peak	
78A	0.0585" 19/0.0117"TC	Rubber-E	0.288	1:TC	PVC-IIA	0.420	0.149	48.0	50.0	-40	+80	8,000 Peak	
79	0.0253"CCS	Air-space PE	0.285	1:BC	PVC-I with Armour	0.475 max	0.136		10.0	-40	+80	1,000	Low-capacitance
79A	0.0253"CCS	Air-space PE	0.285	1:BC	PVC-I with Armour	0.475 max	0.130	125.0	10.0	-40	+80	1,000	Low-capacitance
79B	0.0253"CCS	Air-space PE	0.285	1:BC	PVC-IIA with Armour	0.475 max	0.136	125.0	10.0	-40	+80	1,000	Low-capacitance
81	0.0625"BC	Magnesium Oxide-G	0.321	None	Copper tube	0.325	0.172	50.0	37.0	> 250		3,000	
82	0.1250"BC	Magnesium Oxide-G	0.650	None	Copper tube	0.750	0.698	50.0	36.0	> 250		5,000	
83	0.1020"BC	PE	0.240	1:BC	PVC-I	0.405	0.120	35.0	44.0	-40	+80	2,000	Low-impedance
84A	0.1045"BC	PE	0.680	1:BC	PVC-IIA with lead sheath	1.000	1.325	75.0	20.6	-40	+80	10,000	RG35B with special armour
85A	0.1045"BC	PE	0.680	1:BC	PVC-IIA with lead Armour	1.565	2.910	75.0	20.6	-40	+80	10,000	RG84A with special armour

Coaxial Cable – RG Type

RG/U Type	Inner Conductor	Dielectric Material	DOD (In)	No & Type of Shielding Braids	Jacket Material	O/D (In)	Weight (lbs/ft)	Nominal Imped (ohms)	Nominal Cap (pF/ft)	Maximum Oper Temperature Range (°C)		Max Oper Voltage (Volts RMS)	Comments
86	2 cond. 0.0855" 7/0.0320"SC	PE	0.300 x 0.650	None	None	0.300 x 0.650	0.100	200.0	7.8	-55	+80	10,000	Twin lead
87A	0.0960" 7/0.0320"SC	PTFE	0.280	2:SC	FG Braid-V	0.425	0.180	50.0	29.4	-55	+80	5,000	Use RG225
88	0.0585" 19/0.0117"TC	Rubber-E	0.288	4:TC	PVC-I	0.515 max	0.211	48.0	50.0	-40	+80	10,000	
88A	0.0585" 19/0.0117"TC	Rubber-E	0.288	4:TC	PVC-IIA	0.515 max	0.211	48.0	50.0	-40	+80	10,000	
88B	0.0585" 19/0.0117"TC	Rubber-E	0.288	4:TC	Rubber-IV	0.565	0.238	48.0	50.0	-40	+80	10,000	
89	0.0253"CCS	Air-space PE	0.285	1:BC	PVC-I	0.632	0.195	125.0	10.0	-40	+80	1,000	Low-capacitance
90	0.0603" 7/0.0201"SC	PE	0.195	3:SC,GS,SC	PVC-IIA	0.425		50.0	30.8	-40	+80	3,000	Excellent shielding
93	0.2000" 19/0.0400"BC	Taped PTFE	0.573	1:BC	FG Braid-V	0.710	0.475	50.0	29.4	-55	+80	10,000	Use RG211A
94	0.1125" 19/0.0225"SC	Taped PTFE	0.292	2:BC	FG Braid-V	0.445	0.270	50.0	29.4	-55	+80	7,000	Use RG226
94A	0.1270" 19/0.054"SC	Taped PTFE	0.370	2:BC	FG Braid-V	0.500	0.445	50.0	29.4	-55	+80	7,000	Use RG226
100	0.0735" 19/0.0147"BC	PE	0.146	1:BC	PVC-I	0.242	0.046	35.0	44.0	-40	+80	2,000	Use up to 1000 MHz
101	0.0641"BC	Rubber		1:TC		0.588		75.0					
102	2 cond. 0.0808"BC	Rubber		1:TC		1.088		140.0					
108	2 cond. 0.0378" 7/0.0126"TC	PE	0.079 each	1:TC	PVC-II	0.235	0.032	78.0	24.5	-40	+80	1,000	Use RG108A
108A	2 cond. 0.0378" 7/0.0126"TC	PE	0.079 each	1:TC	PVC-IIA	0.235	0.032	78.0	24.5	-40	+80	Balanced line	

Coaxial Cable – RG Type

RG/U Type	Inner Conductor	Dielectric Material	DOD (In)	No & Type of Shielding Braids	Jacket Material	O/D (In)	Weight (lbs/ft)	Nominal Imped (ohms)	Nominal Cap (pF/ft)	Maximum Oper Temperature Range (°C)	Max Oper Voltage (Volts RMS)	Comments
111	2 cond. 0.0456" 7/0.0152"BC	PE	0.285	2:TC	PVC-II with Armour	0.490 max	0.146	95.0	16.0	-40 +80	1,000	Use RG111A
111A	2 cond. 0.0456" 7/0.0152"BC	PE	0.285	2:TC	PVC-IIA with Armour	0.490 max	0.146	95.0	16.0	-40 +80	1,000	Use RG22B with Armour
114	0.0070"CCS	Air-space PE	0.285	1:BC	PVC-I	0.405	0.087	185.0	6.5	-40 +80	1,000	Use RG114A
114A	0.0070"CCS	Air-space PE	0.285	1:BC	PVC-IIA	0.405	0.087	185.0	6.5	-40 +80	1,000	Low-capacitance
115	0.840" 7/0.0280"SC	Taped PTFE	0.250	2:BC	FG Braid-V	0.375	0.148	50.0	29.4	-55 +250	5,000	Use RG115A
115A	0.0840" 7/0.0280"SC	Taped PTFE	0.255	2:SC	FG Braid-V	0.415	0.180	50.0	29.4	-55 +250	5,000	Extra flexible RG225
116	0.0960" 7/0.0320"SC	PTFE	0.280	2:BC	FG Braid-V with Armour	0.475	0.198	50.0	29.4	-55 +250	5,000	Use RG227
117	0.1880"BC	PTFE	0.620	1:BC	FG Braid-V	0.730	0.641	50.0	29.4	-55 +250	7,000	Use RG211A
117A	0.1880"BC	PTFE	0.620	1:BC	FG Braid-V	0.730	0.641	50.0	29.4	-55 +250	7,000	Use RG211A
118	0.1880"BC	PTFE	0.620	1:BC	FG Braid-V with Armour	0.780	0.682	50.0	29.4	-55 +250	7,000	Use RG228A
118A	0.1880"BC	PTFE	0.620	1:BC	FG Braid-V with Armour	0.780	0.682	50.0	29.4	-55 +250	7,000	Use RG228A
119	0.1020"BC	PTFE	0.332	2:BC	FG Braid-V	0.465	0.225	50.0	29.4	-50 +250	6,000	Use up to 1000 MHz
120	0.1020"BC	PTFE	0.332	2:BC	FG Braid-V with Armour	0.525 max	0.282	50.0	29.4	-55 +250	6,000	RG119 with Armour
122	0.0300" 7/0.0050"TC	PE	0.096	1:TC	PVC-IIA	0.160	0.016	50.0	29.4	-40 +80	1,900	Use up to 1000 MHz
124	0.0253"TCCS	Taped PTFE	0.135	1:TC	FG Braid-V	0.240	0.210	73.0	20.3	-55 +250	2,300	Use RG140
125	0.0159"CCS	Air-space PE	0.460	1:BC	PVC-IIA	0.600	0.180	150.0	7.8	-40 +180	2,000	Low-capacitance

Coaxial Cable – RG Type

RG/U Type	Inner Conductor	Dielectric Material	DOD (In)	No & Type of Shielding Braids	Jacket Material	O/D (In)	Weight (lbs/ft)	Nominal Imped (ohms)	Nominal Cap (pF/ft)	Maximum Oper Temperature Range (°C)		Max Oper Voltage (Volts RMS)	Comments
126	0.0609" 7/0.0203"HR	PTFE	0.185	1:HR	FG Braid-V	0.280	0.070	50.0	29.4	-55	+250	3,000	High loss cable
130	2 cond. 0.0855" 7/0.0285"BC	PE	0.472	1:TC	PVC-I	0.625	0.220	95.0	17.0	-40	+80	3,000	RG57 with twisted cond.
131	2 cond. 0.0855" 7/0.0285"BC	PE	0.475	1:TC	PVC-I with Armour	0.710	0.290	95.0	17.0	-40	+80	3,000	Armoured RG130
133	0.0285"BC	PE	0.285	1:BC	PVC-I	0.405	0.094	95.0	16.2	-40	+80	4,000	Use RG133A
133A	0.0253"BC	PE	0.285	1:BC	PVC-IIA	0.405	0.094	95.0	16.2	-40	+80	4,000	95 ohm version RG8
140	0.0250" SCCS	PTFE	0.146	1:SC	FG Braid-V	0.233	0.056	75.0	19.5	-55	+250	2,300	See RG302 for FEP jacket
141	0.0359" SCCS	PTFE	0.116	1:SC	FG Braid-V	0.190	0.036	50.0	29.4	-55	+250	1,900	Use RG141A
141A	0.0390" SCCS	PTFE	0.116	1:SC	FG Braid-V	0.190	0.038	50.0	29.4	-55	+250	1,900	See RG303 for FEP jacket
142	0.0359" SCCS	PTFE	0.116	2:SC	FG Braid-V	0.206 max	0.047	50.0	29.4	-55	+250	1,900	Use RG142A
142A	0.0390" SCCS	PTFE	0.116	2:SC	FG Braid-V	0.206 max	0.047	50.0	29.4	-55	+250	1,900	See R142B for FEP jacket
142B	0.0390"	PTFE	0.116	2:SC	FEP	0.195	0.050	50.0	29.4	-55	+200	1,900	
143	0.0570" SCCS	PTFE	0.185	2:SC	FG Braid-V	0.325	0.114	50.0	29.4	-55	+250	3,000	Use RG143A
143A	0.0590" SCCS	PTFE	0.185	2:SC	FG Braid-V	0.325	0.109	50.0	29.4	-55	+250	3,000	See RG304 for FEP jacket

Coaxial Cable – RG Type

RG/U Type	Inner Conductor	Dielectric Material	DOD (In)	No & Type of Shielding Braids	Jacket Material	O/D (In)	Weight (lbs/ft)	Nominal Imped (ohms)	Nominal Cap (pF/ft)	Maximum Oper Temperature Range (°C)		Max Oper Voltage (Volts RMS)	Comments
144	0.0537" 7/0.0179" SCCS	PTFE	0.285	1:BC	FG Braid-V	0.410	0.137	75.0	19.5	-55	+250	5,000	High Temp RG11A
145	2 cond. 0.0720"BC	Air-space PE		Copper tube	Lead/tar			75.0	14.6				
146	0.0070"CCS	Air-space PTFE	0.285	1:BC	FG Braid-V	0.375	0.108	190.0	6.0	-55	+200	1,000	Low-capacitance
147	0.2500"BC	PE	0.910	1:BC	PVC-I with Armour	1.937		52.0	29.5	-40	+80	14,000	RG19U with Armour
148	0.0855" 7/0.0285"BC	PE	0.285	1:BC	PVC-I with Armour	0.800		52.0	29.5	-40	+80	4,000	
149	0.048" 7/0.0159"TC	PE	0.285	1:BC	PVC-IIA	0.405	0.105	75.0	20.6	-40	+80	5,000	Use RG391
150	0.048 7/0.0159"TC	PE	0.285	1:BC	PVC-IIA with Armour	0.475 max	0.112	75.0	20.6	-40	+80	5,000	Use RG392
156	0.0855" 7/0.0285"TC	PE and cond. PE	0.285	3:TC,GS,TC	PVC-IIA	0.540	0.211	50.0	32.0	-40	+80	10,000	Triaxial pulse cable
157	0.1005" 19/0.0201"TC	PE and cond. PE	0.455	3:TC,GS,TC	PVC-IIA	0.725	0.317	50.0	38.0	-40	+80	15,000	Triaxial pulse cable
158	0.1988"4 37/0.0284"TC	PE and cond. PE	0.455	3:TC,GS,TC	PVC-IIA	0.725	0.380	25.0	78.0	-40	+80	15,000	Triaxial pulse cable
159	0.0320"SC	Taped PTFE	0.116	1:SC	FG Braid-V	0.195	0.035	50.0	29.4	-55	+250	1,900	Use RG141
160	4 cond. 0.071" 19/.0142"2TC, 2BC	PE	0.322	1:BC	PVC-I	1.055		125.0	12.0	-40	+80	3,000	4 cond. Balanced line
161	0.012" 7/0.004"S Cad.BR	PTFE	0.057	1:SC	Nylon	0.082	0.015	70.0	20.0	-60	+120	1,000	Miniature

Coaxial Cable – RG Type

RG/U Type	Inner Conductor	Dielectric Material	DOD (In)	No & Type of Shielding Braids	Jacket Material	O/D (In)	Weight (lbs/ft)	Nominal Imped (ohms)	Nominal Cap (pF/ft)	Maximum Oper Temperature Range (°C)		Max Oper Voltage (Volts RMS)	Comments
164	0.1045"	BCPE	0.680	1:BC	PVC-IIA	0.870	0.490	75.0	20.6	-40	+80	10,000	RG35B without Armour
165	0.0960" 7/0.0320"SC	PTFE	0.285	1:SC	FG Braid-V	0.410	0.121	50.0	29.4	-55	+250	5,000	RG225 with one braid
166	0.096" 7/0.0320"SC	PTFE	0.285	1:SC	FG Braid-V with Armour	0.460	0.144	50.0	29.4	-55	+250	5,000	RG165 with Armour
174	0.0189" 7/0.0063"CCS	PE	0.060	1:TC	PVC-I	0.100	0.008	50.0	30.8	-40	+80	1,500	Miniature data transmission
174A	0.0189" 7/0.0063"CCS	PE	0.060	1:TC	PVC-IIA	0.100	0.008	50.0	30.8	-40	+80	1,500	Miniature data transmission
175	Rigid line												
176	0.135"Helix over Magnetic core	PE	0.285	1 Magnet Wire	PVC-I	0.405	0.120	49.0		-40	+80	5,000	
177	0.0195"BC	PE	0.680	2:SC	PVC-IIA	0.895	0.470	50.0	30.8	-40	+180	11,000	High frequency RG218
178	0.0120" 7/0.0040"SCCS	PTFE	0.036	1:SC	KEL-F	0.079	0.0054	50.0	29.4	-40	+150	1,000	Use RG178B
178A	0.0120" 7/0.0040"SCCS	PTFE	0.034	1:SC	KEL-F	0.075 max.	0.005	50.0	29.4	-40	+150	1,000	Use RG178B
178B	0.0120" 7/0.0040"SCCS	PTFE	0.034	1:SC	FEP-IX	0.075 max.	0.0054	50.0	39.4	-55	+200	1,000	High strength cond. 'trs avail.
179	0.0120" 7/0.0040"SCCS	PTFE	0.057	1:SC	KEL-F	0.094 max.	0.010	70.0	20.4	-55	+150	1,200	Use RG179B

Coaxial Cable – RG Type

RG/U Type	Inner Conductor	Dielectric Material	DOD (In)	No & Type of Shielding Braids	Jacket Material	O/D (In)	Weight (lbs/ft)	Nominal Imped (ohms)	Nominal Cap Temperature (pF/ft)	Maximum Oper Voltage Range (°C)		Max Oper (Volts RMS)	Comments
179A	0.0120" 7/0.0040"SCCS	PTFE	0.063	1:SC	KEL-F	0.105 max	0.010	75.0	19.5	-40	+150	1,200	Use RG179B
179B	0.0120" 7/0.0040"SCCS	PTFE	0.063	1:SC	FEP-lX	0.100	0.010	75.0	19.5	-55	+250	1,200	High strength cond. 'trs avail.
180	0.0120" 7/0.0040"SCCS	PTFE	0.103	1:SC	KEL-F	0.141 max	0.019	93.0	15.4	-40	+150	1,500	Use RG180B
180A	0.0120" 7/0.0040"SCCS	PTFE	0.102	1:SC	KEL-F	0.145 max	0.019	95.0	15.4	-40	+150	1,500	Use RG180B
180B	0.0120" 7/0.0040"SCCS	PTFE	0.102	1:SC	FEP-lX	0.145 max	0.019	95.0	15.4	-55	+250	1,500	High strength cond. 'trs avail.
181	2 cond. 0.0477" 7/0.159"BC	PE	0.210	2:Individual inner Common Outer BC	PVC-IIA	0.640	0.198	125.0	12.0	-40	+80	3,500	Balanced line
182	2 of 19/.0142"BC 2 of 19/.0066"TC	4 cores, PE	2/.332 2/.146	Each core, 1:BC Overall shield, 1:BC	PVC-IIA ea PVC-I overall	1.055		125.0 ea	12.0 ea	-40	+80	2,300	Special 4-Coax
183	0.2510"BC	PS Helix	0.632	Al tube	None	0.750	0.380	50.0	23.0	-40	+80	1,800	
185	0.0030"Mag wire Helix on PE core	Air-space PE	0.188	1:Magnet wire	PVC-IIA	0.0282		2.000		-40	+80		Delay line cable
186	0.008"TFE Helix over core	Air-space PE	0.292	1:Magnet wire	PVC-IIA	0.405		1.000		-40	+80		Delay line cable
187	0.0120" 7/0.0040"SCCS	PTFE	0.060	1:SC	PTFE	0.110 max	0.010	75.0	19.5	-55	+250	1,200	Use RG179B
187A	0.0120" 7/0.0040"SCCS	PTFE	0.060	1:SC	PTFE	0.110 max	0.010	75.0	19.5	-55	+250	1,200	Use RG179B
188	0.0201" 7/0.0067"SCCS	PTFE	0.060	1:SC	PTFE	0.110 max	0.011	50.0	29.4	-55	+250	1,200	Use RG316

Coaxial Cable – RG Type

RG/U Type	Inner Conductor	Dielectric Material	DOD (In)	No & Type of Shielding Braids	Jacket Material	O/D (In)	Weight (lbs/ft)	Nominal Imped (ohms)	Nominal Cap (pF/ft)	Maximum Oper Temperature Range (°C)		Max Oper Voltage (Volts RMS)	Comments
188A	0.0201" 7/0.0067"SCCS	PTFE	0.060	1:SC	PTFE	0.110 max	0.011	50.0	29.4	-55	+250	1,200	Use RG316
189	0.2510"BC	PS Helix	0.632	2:SC	PE-IIIA	0.875	0.570	50.0	23.0	-55	+80	3,500	Use RG389
190	0.0585" 19/0.0117"TC	Rubber H,J	0.380	3:TC,GS,TC	Neoprene VIII	0.700	0.353	50.0	50.0	-55	+80	15,000	
191	0.485"TC	Rubber H,J,H	1.065	3:TC,GS,GS	Neoprene VIII	1.460	1.469	25.0	85.0	-55	+80	15,000	
192	1.055"GS Tube TC Braid	Butyl Rubber		3:TC,GS,GS	Rubber	2.200		12.5	175.0	-55	+80	15,000 Peak	
193	1.055"GS Tube TC Braid	Silicone Rubber		3:TC,GS,GS	Rubber	2.100		12.5	159.0	-55	+80	30,000 Peak	
194	1.055"GS Tube TC Braid	Silicone Rubber		3:TC,GS,GS	Rubber w. Al Armour	1.945		12.5	159.0	-55	+80	30,000 Peak	
195	0.0120" 7/0.004"SCCS	PTFE	0.102	1:SC	PTFE	0.155 max	0.020	95.0	15.4	-55	+250	1,500	Use RG180B
195A	0.0120" 7/0.004"SCCS	PTFE	0.102	1:SC	PTFE	0.155 max	0.020	95.0	15.4	-55	+250	1,500	Use RG180B
196	0.0120" 7/0.004"SCCS	PTFE	0.034	1:SC	PTFE	0.080 max	0.006	50.0	29.4	-55	+250	1,000	Use RG178B
196A	0.0126" 7/0.004"SCCS	PTFE	0.034	1:SC	PTFE	0.080 max	0.006	50.0	29.4	-55	+250	1,000	Use RH178B
197	0.300"BC	PS Helix	0.758	.875"OD Al. Tube	None	0.875	0.500	50.0	22.0	-55	+80	2,400 Peak	
198	0.1140"BC	PS Helix	0.421	.500"OD Al. Tube	PE	0.600	0.155	70.0	16.0	-55	+80	1,300 Peak	
199	0.209"BC	PS Helix	0.758	.875"OD Al. Tube	PE	1.015	0.435	70.0	16.0	-55	+80	2,400 Peak	
200	OD .405" ID-.301"BC Tube	PS Helix	1.472	1.625"OD Al. Tube	1.765	0.900	70.0	16.0		-55	+80	4,600 Peak	
209	0.189" 19/0.0378"SC	Air-space PTFE	0.500	2:BC	SR and Polyester-VI	0.750 max	0.432	50.0	25.0	-55	+150	3,200	Low loss RG211A

Coaxial Cable – RG Type

RG/U Type	Inner Conductor	Dielectric Material	DOD (In)	No & Type of Shielding Braids	Jacket Material	O/D (In)	Weight (lbs/ft)	Nominal Imped (ohms)	Nominal Cap (pF/ft)	Maximum Oper Temperature Range (°C)		Max Oper Voltage (Volts RMS)	Comments
210	0.0253"SCCS	Air-space PTFE	0.146	1:SC	FG Braid-V	0.242	0.040	93.0	13.5	-55	+250	750	High temp. Low-capacitance
211	0.1900"BC	PTFE	0.620	1:BC	FG Braid-V	0.730	0.641	50.0	29.4	-55	+250	7,000	High temp. High power
211A	0.1900"BC	PTFE	0.620	1:BC	FG Braid-V	0.730	0.641	50.0	29.4	-55	+250	7,000	High temp. High power
212	0.0556"SC	PE	0.185	2:SC	PVC-IIA	0.332	0.083	50.0	29.4	-40	+80	3,000	Use up to 10,000 MHz
213	0.0888" 7/0.0296"BC	PE	0.285	1:BC	PVC-IIA	0.405	0.099	50.0	30.8	-40	+80	5,000	Use up to 1000 MHz
214	0.0888" 7/0.0296"SC	PE	0.285	2:SC	PVC-IIA	0.425	0.126	50.0	30.8	-40	+80	5,000	Use up to 10,000 MHz
215	0.0888" 7/0.0296"BC	PE	0.285	1:BC	PVC-IIA with Armour	0.475	0.121	50.0	30.8	-40	+80	5,000	Armoured RG213
216	0.0477" 7/0.0159"BC	PE	0.285	2:BC	PVC-IIA	0.425	0.114	75.0	20.6	-40	+80	5,000	Use up to 1000 MHz
217	0.0106"BC	PE	0.370	2:BC	PVC-IIA	0.545	0.201	50.0	30.8	-40	+80	7,000	Use up to 1000 MHz
218	0.195"BC	PE	0.680	1:BC	PVC-IIA	0.870	0.460	50.0	30.8	-40	+80	11,000	Use up to 1000 MHz
219	0.195"BC	PE	0.680	1:BC	PVC-IA with Armour	0.945 max	0.585	50.0	30.8	-40	+80	11,000	Armoured RG218
220	0.260"BC	PE	0.910	1:BC	PVC-IIA	1.120	0.740	50.0	30.8	-40	+80	14,000	Use up to 1000 MHz
221	0.260"BC	PE	0.910	1:BC	PVC-IIA with Armour	1.195 max	0.925	50.0	30.8	-40	+80	14,000	Armoured RG220
222	0.0556"high Resistance wire	PE	0.185	2:SC	PVC-IIA	0.332	0.087	50.0	30.8	-40	+80	3,000	High Attenuation

Coaxial Cable – RG Type

RG/U Type	Inner Conductor	Dielectric Material	DOD (In)	No & Type of Shielding Braids	Jacket Material	O/D (In)	Weight (lbs/ft)	Nominal Imped (ohms)	Nominal Cap (pF/ft)	Maximum Oper Temperature Range (°C)		Max Oper Voltage (Volts RMS)	Comments
223	0.035"SC	PE	0.116	2:SC	PVC-IIA	0.215 max	0.034	50.0	30.8	-40	+80	1,900	Useable to 10,000 MHz
224	0.106"BC	PE	0.370	2:BC	PVC-IIA with Armour	0.615 max	0.310	50.0	30.8	-40	+80	7,000	Armoured RG217
225	0.0936" 7/0.0312"SC	PTFE	0.285	2:SC	FG Braid-V	0.430	0.180	50.0	29.4	-55	+250	5,000	See RG393 for FEP jacket
226	0.1270 19/0.0254"SC	PTFE	0.370	2:BC	FG Braid-V	0.500	0.445	50.0	29.4	-55	+250	7,000	
227	0.0936" 7/0.0312"SC	PTFE	0.285	2:SC	FG Braid-V with Armour	0.490 max	0.198	50.0	29.4	-55	+250	5,000	Armoured RG225
228	0.1900"BC	PTFE	0.620	1:BC	FG Braid-V with Armour	0.795 max	0.682	50.0	29.4	-55	+250	7,000	Armoured RG211
228A	0.1900"BC	PTFE	0.620	1:BC	FG Braid-V with Armour	0.795 max	0.682	50.0	29.4	-55	+250	7,000	Armoured RG211A
229	0.960" 7/0.032"SC	PTFE	0.285	1:SC	FG Braid-V with Armour	0.480 max	0.144	50.0	29.4	-55	+250	5,000	Use RG166
230	0.1988" 37/0.0284"	Rubber-D	0.455	3:TC,GS,SS	Rubber-IV	0.740 max		25.0	100.0	-40	+80	15,000	
231	OD 0.162 ID 0.112"BC	Foam PE	0.450	0.500"OD Al Tube	None	0.500	0.118	50.0	25.0	-55	+80	5,000 Peak	RG331 for jacketed cable
232	0.300"BC	PE Helix	0.758	0.875"OD Al Tube	PE-IIIA	1.015	0.570	50.0	22.0	-55	+80	2,400 Peak	
233	OD 0.591"BC ID 0.481"	PS Helix	1.492	1.625"OD Al Tube	PE-IIIA	1.765	1.050	50.0	22.0	-55	+80	4,700 Peak	
234	OD 1.1570"BC ID 1.015"	PS Helix	2.775	3.125"OD Al Tube	PE-IIIA	3.295	3.110	50.0	22.0	-55	+80	8,700 Peak	

Coaxial Cable – RG Type

RG/U Type	Inner Conductor	Dielectric Material	DOD (in)	No & Type of Shielding Braids	Jacket Material	O/D (in)	Weight (lbs/ft)	Nominal Imped (ohms)	Nominal Cap (pF/ft)	Maximum Oper Temperature Range (°C)	Max Oper Voltage (Volts RMS)	Comments
235	0.0852" 7/0.0284" SC	Taped PTFE	0.255	2:SC	SIL/DAC VI	0.4270 max	0.160	50.0	29.5	-55 +250	5,000	RG115A with VI jacket
236	0.1620"BC	PS Helix	0.421	0.500"OD Al Tube	None	0.500	0.165	50.0	24.0	-55 +80	1,300 Peak	
237	0.1620"BC	PS Helix	0.421	0.500"Al Tube	PE-IIIA	0.600	0.195	50.0	24.0	-55 +80	1,300 Peak	
238	Cancelled, Replace with RG197/U											
239	Cancelled, Replace with RG232/U											
240	OD 0.591"BC ID 0.481"BC	PS Helix	1.420	1.625 OD Al Tube	None	1.625	0.930	50.0	22.0	-55 +80	4,700 Peak	
241	Cancelled, Replace with RG233											
242	OD 1.0157" ID 1.0150"BC	PS Helix	2.850	3.125"OD Al Tube	None	3.125	2.700	50.0	22.0	-55 +80	8,700 Peak	
243	Cancelled, Replace with RG234											
244	0.102"BC	PS Helix	0.421	0.500"OD Al Tube	None	0.500	0.118	75.0	15.5	-55 +80	1,200 Peak	
245	0.102"BC	PS Helix	0.421	0.500"OD Al Tube	PE-IIIA	0.600	0.148	75.0	15.5	-55 +80	1,200 Peak	
246	0.1880"BC	PS Helix	0.758	0.875"OD Al Tube	None	0.875	0.348	75.0	15.2	-55 +80	2,200 Peak	
247	0.1880"BC	PS Helix	0.758	0.875"OD Al Tube	PE-IIIA	1.015	0.418	75.0	15.2	-55 +80	2,200 Peak	
248	OD 0.3740"BC ID 0.2740"	PS Helix	1.472	1.625"OD Al Tube	None	1.625	0.948	75.0	15.0	-55 +80	4,300 Peak	
249	OD 0.374"BC ID 0.2740"	PS Helix	1.472	1.625"OD Al Tube	PE-IIIA	1.765	1.068	75.0	15.0	-55 +80	4,300 Peak	
250	0.732"BC 0.632"	PS Helix	2.850	3.125"OD Al Tube	None	3.125	2.395	75.0	15.0	-55 +80	8,500 Peak	
251	0.732"BC 0.632"	PS Helix	2.850	3.125"OD Al Tube	PE-IIIA	3.295	2.805	75.0	15.0	-55 +80	8,500 Peak	
252	0.1670"BC	PE Tubes	0.456	0.530"OD Al Tube	None	0.530	0.175	50.0	24.0	-55 +80	1,000	
253	0.167"BC	PE Tubes	0.456	0.530"OD Al Tube	PE	0.656	0.225	50.0	24.0	-55 +80	1,000	
254	0.3110"BC	PE Tubes	0.833	0.953"OD Al Tube	PE	1.100	0.655	50.0	24.0	-55 +80	1,860	

Coaxial Cable – RG Type

RG/U Type	Inner Conductor	Dielectric Material	DOD (In)	No & Type of Shielding Braids	Jacket Material	O/D (In)	Weight (lbs/ft)	Nominal Imped (ohms)	Nominal Cap (pF/ft)	Maximum Oper Temp Range (°C)		Max Oper Voltage (Volts RMS)	Comments
255	0.3110"BC	PE Tubes	0.833	0.953"OD Al Tube	None	0.953	0.565	50.0	24.0	-55	+80	1,860	
256	OD 0.3110"SC ID 0.2550"	PTFE Tubes	0.833	0.953"OD Al Tube	None	0.953	0.550	50.0	24.0	-55	+80	1,860	
257	OD 0.6060" ID 0.4860"BC Tube	PS Tubes	1.622	1.786"OD Al Tube	None	1.786	1.200	50.0	24.0	-55	+80	3,640	
258	OD 0.606" ID 0.4860"BC Tube	PE Tubes	1.622	1.788"OD Al Tube	PE	1.926	1.380	50.0	24.0	-55	+80	3,640	
259	0.1150"BC Tube	PTFE Tubes	0.318	0.390"OD Al Tube	None	0.390	0.100	50.0	24.0	-55	+80	697	
260	0.1150"BC Tube	PE Tubes	0.318	0.390"OD Al Tube	PE-IIIA	0.450	0.140	50.0	24.0	-55	+80	697	
263	0.1720"BC	Air-space PTFE	0.421	Al Tube	None	0.500	0.170	50.0	21.5	-40	+250	1,300 Peak	
264	4 cond. 19/0.0142" 2TC, 2BC	PE	0.176 e/core	2TC, 2 BC BC over all	PVC-IIA	0.750	0.336	36.8	41.0	-40	+80	2,000	Use RG264C
264C	4 cond. 0.068" 2 BC, 2 TC	PE	0.188" e/core	TC, 2 BC BC over all	PUR	0.765	0.327	40.0	38.4	-40	+80	2,000	Watertight 4-Coax
265	0.67"0"BC Tube	PE Helix	1.578	Copper clad Mi Steel Tube	PE-IIIA	2.070		50.0	22.3	-40	+80	145KW Peak	
266	0.0113"cond. over0.144" Mag. core	PE	0.285	75 spiral wound cond. 68 BC & 7 are insulated	PVC-I	0.400	0.120	1530.0	53.0	-40	+80	5,000 d.c.	Delay line cable 500 ns/ft
267	0.3550"BC Tube	PS Helix		Copper clad Mild Steel Corrugated Tubing	PE-IIIA	1.190		50.0	22.2	-40	+80	440KW Peak	
268	0.1610"BC	PE Helix	0.350	Corrugated BC Tube	None	0.498	0.234	50.0	23.0	-55	+80	10Kw Peak	

Coaxial Cable – RG Type

RG/U Type	Inner Conductor	Dielectric Material	DOD (In)	No & Type of Shielding Braids	Jacket Material	O/D (In)	Weight (lbs/ft)	Nominal Imped (ohms)	Nominal Cap (pF/ft)	Maximum Oper Temperature Range (°C)		Max Oper Voltage (Volts RMS)	Comments
269	ID 0.2870" OD 0.3580"BC Tube	PE Helix	0.795	Corrugated BC Tube	None	1.005	0.430	50.0	22.2	-55	+80	44KW Peak	
269A	ID 0.2870" OD 0.3580"BC Tube	PE Helix	0.795	Corrugated BC Tube	None	1.005	0.430	50.0	22.2	-55	+80	44KW Peak	
270	ID 0.5860" OD 0.6880"BC Tube	PE Helix	1.578	Corrugated BC Tube	None	1.830	0.875	50.0	22.3	-55	+80	145KW Peak	
270A	ID 0.5880" OD 0.6880"BC Tube	PE Helix	1.578	Corrugated BC Tube	None	1.830	0.875	50.0	22.3	-55	+80	145KW Peak	
279	0.0250" 19/0.0050" SCCS	Air-space PTFE	0.110	1.SC	FG Braid-V	0.145	0.125	75.0	19.5	-55	+250	1,000	Extra flexible high temp cable
280	0.1144"BC	Taped PTFE	0.327	2.SC	FEP-IX	0.468	0.200	50.0	25.4	-55	+200	3,000	Low loss high frequency
281	0.1890" 19/0.0378"SC	Taped PTFE	0.500	2.SC	SII/DAC VI	0.750 max	0.400	50.0	25.4	-55	+150	4,000	Low loss high power
282	0.0253"SC	Irradiated PE	0.099	2.SC	FEP	0.200	0.031	54.5	28.2	-40	+150	4,500	
283	0.0525" 19/0.0117"SC	Rubber-D	0.288	2.SC	SII.	0.475	0.145	46.0	50.0	-55	+150	8,000	
284A	0.220"BC	PE Helix	0.795	Corrugated BC Tube	None	1.005	0.410	75.0	15.0	-55	+80	29KW Peak	
285A	0.1140"BC	PTFE Helix	0.795	Corrugated BC Tube	None	1.005	0.430	100.0	13.0	-55	+200	22KW Peak	
286	OD 0.4300" ID 0.3600"BC Tube	PE Helix	1.570	Corrugated BC Tube	None	1.830	0.720	75.0	15.1	-55	+80	100KW Peak	

Coaxial Cable – RG Type

RG/U Type	Inner Conductor	Dielectric Material	DOD (In)	No & Type of Shielding Braids	Jacket Material	O/D (In)	Weight (lbs/ft)	Nominal Imped (ohms)	Nominal Cap (pF/ft)	Maximum Oper Temperature Range (°C)		Max Oper Voltage (Volts RMS)	Comments
287	0.1970"BC	PE Helix	1.570	Corrugated BC Tube	None	1.830	0.750	100.0	13.5	-55	+80	73KW Peak	
288	OD 1.3330" ID 1.2221"BC Tube	PE Helix	2.960	3.750 CCS	None	3.750	3.000	50.0	21.6	-40	+80	440KW Peak	
289	OD 8.200" ID 0.7400"CCS Tube	PE Helix	2.960	3,750 CCS	None	3.750	3.000	75.0	14.7	-40	+80	290 KW Peak	
292	0.4300"BC Tube	PE Helix	1.570	1.8300 Corr BC Tube	PE and flooding comp	2.000	1.040	75.0	15.1	-55	+80 Peak	100 KW	
293	0.106"BC	PE	0.375	1:SC	PE-IIIA	0.545	0.160	50.0	30.8	-55	+80	7,000	Use RG293A
293A	0.1060"BC	PE	0.370	1:SC	PE-IIIA	0.545	0.160	50.0	30.8	-55	+80	7,000	Watertight RG217
294	2 cond. 0.808" 1 BC, 1 TC	PE	0.472	1:TC	PE-IIIA	0.630	0.205	95.0	16.3	-55	+80	3,000	Use RG294A
294A	2 cond. 0.808" 1 BC, 1 TC	PE	0.472	1:SC	PE-IIIA	0.360	0.205	95.0	16.3	-55	+80	3,000	Watertight RG130
295	0.1950"BC	PE	0.680	1:SC	PE-IIIA	0.895	0.420	50.0	30.8	-55	+80	11,000	Watertight RG218
296	0.2362" 37/0.0336"SC	Silicone Rubber	0.906	1:SC	Neoprene	1.190		50.0	36.4	-55	+80	13,800	
297	OD 0.3550" ID 0.2870"BC Tube	PTFE Helix	0.795	Corr BC Tube	None	1.005		50.0	21.4	-55	+200	44KW Peak	
298	0.630" 7/0.0201"CCS	PE	0.115	None	Foam PE	0.650	0.90			-55	+80	Buoyant per Mil	C-22667
301	0.0609" 7/0.0203"HR	PTFE	0.185	1:HR	FEP-IX	0.245	0.056	50.0	29.4	-55	+200	3,000	FEP jacketed RG126

Coaxial Cable – RG Type

RG/U Type	Inner Conductor	Dielectric Material	DOD (In)	No & Type of Shielding Braids	Jacket Material	O/D (In)	Weight (lbs/ft)	Nominal Imped (ohms)	Nominal Cap (pF/ft)	Maximum Oper Temperature Range (°C)		Max Oper Voltage (Volts RMS)	Comments
302	0.0250"SCCS	PTFE	0.146	1:SC	FEP-IX	0.206 max	0.031	75.0	19.5	-55	+ 200	2,300	FEP jacketed RG140
303	0.0390"SCCS	PTFE	0.185	2:SC	FEP-IX	0.170	0.030	50.0	29.4	-55	+ 200	1,900	FEP jacketed RG141A
304	0.0590"SCCS	PTFE	0.185	2:SC	FEP-IX	0.280	0.088	50.0	29.4	-55	+ 200	3,000	FEP jacketed RG143A
305	OD 0.4300" ID 0.3600"BC Tube	FEP	1.570	1.830"BC	PE-IIIA	1.990		75.0	14.4	-55	+ 80	2,720	
306A	0.1730"BC	Foam PE	0.801	0.8750" Al Tube	PE-IIIA	1.015	0.545	75.0	16.5	-55	+ 80	5,700	Per Mil C-23806
307	0.0290" 19/0.0058"SC	Foam PE	0.146	2:SC PUR Interlayer	PE-IIIA	0.270	0.070	75.0	16.7	-55	+ 80	1,000	Triax use to 100 MHz
307A	0.0290" 19/0.058"SC	Foam PE	0.146	2:SC PUR Interlayer	PE-IIIA	0.270	0.070	75.0	16.7	-55	+ 80	1,000	Triax use to 100 MHz
316	0.0201" 7/0.0067"SCCS	PTFE	0.060	1:SC	FEP-IX	0.102	0.102	50.0	29.4	-55	+ 200	1,200	FEP jacketed RG188A
317	2 cond. 0.0870" 7/0.0290"IBC	FEP	0.446	1:TC	Neoprene	0.710		95.0	15.4	-55	+ 80	10,000	Water blocked
318	OD 0.3580"BC Tube ID 0.2870"	PE Helix	0.795	1.005"Corr. BC Tube	PE-IIA	1.125	0.530	50.0	22.0	-55	+ 80	44KW Peak	
319	OD 0.6880"BC Tube ID 0.5880"	PE Helix	1.570	1.830"Corr. BC Tube	PE-IIIA	2.000	1.040	50.0	22.0	-55	+ 80	145KW Peak	
321	OD 1.1400"Corr. BC Tube	PE Helix		2.850"Corr. BC Tube	None	2.850	1.210	50.0	21.7	-55	+ 80	320KW Peak	
322	OD 1.1400"Corr. BC Tube	PE Helix		2.850"Corr. BC Tube	PE & flood comp	3.040	1.780	50.0	21.7	-55	+ 80	320KW Peak	

Coaxial Cable – RG Type

RG/U Type	Inner Conductor	Dielectric Material	DOD (In)	No & Type of Shielding Braids	Jacket Material	O/D (In)	Weight (lbs/ft)	Nominal Imped (ohms)	Nominal Cap (pF/ft)	Maximum Oper Temperature Range (°C)		Max Oper Voltage (Volts RMS)	Comments
323	0.312"BC Tube	Foam PE		0.980"Corr.	PE & flood BC Tube	1.060 comp	0.420	50.0	25.6	-55	+80	1,480	
324	0.312"BC	Foam PE		0.980"Corr. BC Tube	None	0.980	0.320	50.0	25.6	-55	+80	1,480	
325	0.1000" 19/0.200"SC Al	PE Spline	0.260	2:SC Strip Braids	PUR	0.350	0.10	50.0	26.3	-55	+80	750	Low loss
326	0.2000" 19/0.0400"SC Al	PE Spline	0.550	2:SC Strip Braids	PUR	0.697	0.24	50.0	26.3	-55	+80	1,700	Low loss
327	0.3200" 19/0.0640"SC Al	PE Spline	0.840	2:SC Strip Braids	PUR	1.010	0.55	50.0	26.3	-55	+80	2,500	Low loss
328	0.4850" TC Braid	Rubber H, J, H	1.065	3:TC, GS, TC	Neoprene	1.460	1.469	25.0	85.0	-55	+80	20,000	
329	0.0585" 19/0.0117"TC	Rubber H, J, H	0.380	3:TC, GS, TC	Neoprene	0.700	0.353	50.0	50.0	-55	+80		
330	SC	Foam PE		1:SC		0.242		50.0	25.0				
331	0.1620"BC	Foam PE	0.405	0.500"Al Tube	PE-IIIA	0.600	0.187	50.0	25.0	-55	+80	2,500	Jacketed 231 Solid cond. "tor
332	0.2800"BC	Foam PE	0.801	0.8750"Al Tube	None	0.875	0.466	50.0	25.0	-55	+80	4,500	Per Mil-C 23806
333	0.2880"BC	Foam PE	0.801	0.8750"Al Tube	PE-IIIA	1.015	0.548	50.0	25.0	-55	+80	4.500	Jacketed RG332
334	0.0980"BC	Foam PE	0.450	0.500"Al Tube	None	0.500	0.109	75.0	17.0	-55	+80	2,500	Per Mil-C 23806
335	0.0980"BC	Foam PE	0.450	0.500"Al Tube	PE-IIIA	0.625	0.143	75.0	17.0	-55	+80	2,500	Jacketed RG334
336	0.1730"BC	Foam PE	0.801	0.8750"Al Tube	None	0.875	0.315	75.0	17.0	-55	+80	4,000	Per Mil-C 23806
360	0.2430"BC	Foam PE	0.676	0.7500"Al Tube	PE-IIIA	0.825	0.397	50.0	25.0	-55	+80	4,000	Per Mil-C 23806

Coaxial Cable – RG Type

RG/U Type	Inner Conductor	Dielectric Material	DOD (In)	No & Type of Shielding Braids	Jacket Material	O/D (In)	Weight (lbs/ft)	Nominal Imped (ohms)	Nominal Cap (pF/ft)	Maximum Oper Temperature Range (°C)		Max Oper Voltage (Volts RMS)	Comments
366	0.1600"BC	Foam PE		0.540"Corr. BC Tube	PE-IIIA	0.620		50.0	26.6	-55	+80	4,000	
367	Corr. BC Tube	PE Helix		5.000"Corr. BC Tube	PE-IIIA	5.200	4.590	50.0	21.7	-55	+80	830KW Peak	
369	0.1170"BC	PE Tubes	0.318	0.390"Al Tube	PE-IIIA	0.470	0.140	50.0	24.0	-55	+80	700	
370	0.11170"BC	PE Tubes	0.318	0.390"Al Tube	None	0.390	0.100	50.0	24.0	-40	+80	700	
374	0.0258"BC	PE	0.160	None	Foam PE	0.650	0.097			-55	+80		Buoyant Antenna
376	0.3120"BC Tube	Foam PE		Corr. Al Tube	PE-IIIA	1.060	0.390	50.0	26.0	-55	+80	6,000	
377	0.1650"SC Tube	PTFE Tubes		0.5300"Al Tube	None	0.530	0.170	50.0	24.0	-55	+250	1,000	
378	0.7130"BC Tube	PE Helix		1.830"Corr. Al Tube	PE-IIIA	2.000	0.620	50.0	22.1	-55	+80	145KW Peak	
382	Rigid Line			Al Tube		1.625		50.0					
383	2 cond. 0.0403" 2.000lb break	PE		None	Foam PE	0.650		100.0		-55	+80		Extra buoyant Twisted pair
384	0.0508"BC	PE		1.Flat BC Braid Waterproofed	Foam PE	0.650		50.0	30.8	-55	+80		Buoyant Antenna 600 psig.
385	0.1530"SC	Semi-solid PTFE	0.425	0.500"Corr. Al	Optional	0.660	0.178	50.0	25.0	-55	+250	1,500	Low loss No press Req.
386	0.0508"CCS	PE		None non-hosting	Foam PE	0.650				-55	+80		Buoyant Antenna 400lb break
388	SC	PE		0.444"max SC	PE-IIIA	0.545		50.0	30.8	-55	+80		Watertight See RG14A
389	0.2500"BC	PE Spline	0.635	2.SC	PE-IIIA	0.875	0.366	50.0	22.8	-55	+80	2,000	Low loss replaces RG189

Coaxial Cable – RG Type

RG/U Type	Inner Conductor	Dielectric Material	DOD (In)	Number & Type of Shielding Braids	Jacket Material	O/D (In)	Weight (lbs/ft)	Nominal Imped (ohms)	Nominal Cap (pF/ft)	Maximum Oper Temperature Range (°C)		Maximum Oper Voltage (Volts RMS)	Comments
391	0.048" 7/0.0159"TC	Cond. PE and PE	0.285	1:TC	PVC-IIA	0.405	0.092	72.0		-55	+80	5,000	Low noise cable
392	0.048" 7/0.0159"TC	Cond. PE and PE	0.285	1:TC	PVC-IIA with Armour	0.475	0.114	72.0		-55	+80	5,000	Armoured RG391
393	0.0936" 7/0.0312"SC	PTFE	0.285	2:SC	FEP-IX	0.390	0.165	50.0	29.4	-55	+200	5,000	Moisture proof RG225
397	0.096" 7/0.032"SC	Air-space PTFE	0.270	2:SC	FEP-IX	0.360 max	0.125	50.0	28.0	-55	+200	2,000	Low loss RG393
400	0.0385" 19/0.0077"SC	PTFE	0.116	2:SC	FEP-IX	0.195	0.050	50.0	29.3	-55	+200	1,900	
401	0.0645"SPC	PTFE	0.215	0.250"OD Copper Tube	None	0.250	0.081	50.0	29.3	-55	+200	3,000	Semiflex RG304
402	0.0360"SCCS	PTFE	0.119	0.141"OD Copper Tube	None	0.141	0.032	50.0	29.3	-55	+200	2,500	Semiflex RG142B
403	0.012"SCCS 7/0.004"	PTFE	0.034	2:SC FEP Interlayer	FEP-IX	0.116	0.0075	50.0	29.3	-55	+200	2,500	Triaxial RG178B
404	0.012"SCCS 7/0.004"PTFE and cond. PTFE		0.034	1:SC	FEP-IX	0.075	0.0054	50.0	31.5	-55	+200	2,000	Low noise RG178B

Solid Bare Copper Wire American Wire Gauge

AWG	Nominal Diameter mm	Cross Section mm²
10	2.6	5.23
11	2.3	4.155
12	2.05	3.29
13	1.83	2.63
14	1.63	2.07
15	1.45	1.651
16	1.29	1.3
17	1.15	1.039
18	1.02	0.816
19	0.912	0.653
20	0.813	0.514
21	0.724	0.412
22	0.643	0.322
23	0.574	0.259
24	0.511	0.203
25	0.455	0.163
26	0.404	0.127
27	0.361	0.102
28	0.32	0.08
29	0.287	0.064
30	0.254	0.051
31	0.226	0.04
32	0.203	0.032
33	0.18	0.025
34	0.16	0.02
35	0.142	0.016
36	0.127	0.013
37	0.114	0.01
38	0.102	0.008
39	0.089	0.006
40	0.079	0.005

Stranded Tinned Copper Wire American Wire Gauge

AWG	Stranding Number/AWG	Nominal Diameter mm	Cross Section mm²
12	7/20	2.44	3.61
12	19/25	2.36	3.07
12	65/30	2.41	3.27
14	7/22	1.85	2.26
14	19/26	1.85	1.93
14	42/30	1.85	2.06
16	7/24	1.52	1.42
16	19/29	1.47	1.216
16	65/34	1.5	1.3
18	7/26	1.22	0.891
18	19/30	1.24	0.957
18	42/34	1.2	0.819
18	65/36	1.2	0.845
20	7/28	0.89	0.504
20	19/32	0.94	0.612
20	42/36	0.914	0.533
22	7/30	0.762	0.352
22	19/34	0.787	0.38
24	7/32	0.61	0.226
24	19/36	0.61	0.239
24	42/40	0.584	0.201
26	7/34	0.483	0.14
26	19/38	0.508	0.153
28	7/36	0.381	0.071
28	19/40	0.406	0.093
30	7/38	0.305	0.056