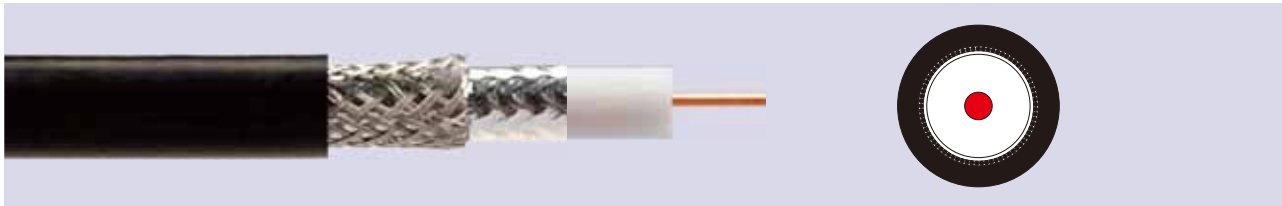


RG8



Construction

Inner Conductor		Insulation		Foil	Braiding		Sheath	
Material dia. mm		Material dia. mm			Material		Material dia. mm	
CCA	2.74	FPE	7.25	Al-PET-Al	TC	90%	PVC	10.2

Electrical characteristics

- Max. conductor DC resistance at 20°C (Ohm/km) 3.2
- Min. insulation DC resistance at 20°C (MOhm x km) 500
- Rated temperature (°C) 80
- Rated voltage (V) 30
- Capacitance (pF/m) 80 ± 3
- Velocity ratio (%) 84
- Impedance (Ohm) 50 ± 3

Attenuation at 20 °C (dB/100m)

5 MHz	1.31
10 MHz	1.64
50 MHz	3.30
100 MHz	4.60
200 MHz	5.90
400 MHz	8.55
700 MHz	11.80
900 MHz	13.45
1000 MHz	14.45

RG58 C/U



Construction

Inner Conductor		Insulation		Braiding		Sheath	
Material dia. mm		Material dia. mm		Material		Material dia. mm	
TC	19 x 0.18	SPE	2.95	TC	92%	PVC	4.95

Electrical Characteristics

- Max. conductor DC resistance at 20°C (Ohm/km) 38.4
- Min. insulation DC resistance at 20°C (MOhm x km) 500
- Rated temperature (°C) 80
- Max. operating voltage (VRMS) 1900
- Rated voltage (V) 30
- Capacitance (pF/m) 103 ± 3
- Velocity ratio (%) 66
- Impedance (Ohm) 50 ± 3

Attenuation at 20 °C (dB/100m)

50 MHz	10.65
200 MHz	22.60
600 MHz	42.00

RG142 B/U



Construction

Inner Conductor		Insulation		Braiding		Sheath	
Material dia. mm		Material dia. mm		Material		Material dia. mm	
SPC	0.94	PTFE	2.95	SPC x 2 layers		FEP	4.95

Electrical characteristics

- Rated temperature (°C) 200
- Capacitance (pF/m) 105 ± 3
- Impedance (Ohm) 50 ± 3

Attenuation at 20 °C (dB/100m)

10 MHz	4.3
100 MHz	12.3
200 MHz	19.0
400 MHz	27.2
1000 MHz	48.3
3000 MHz	93.0

RG174 A/U



Construction

Inner Conductor		Insulation		Braiding		Sheath	
Material dia. mm		Material dia. mm		Material		Material dia. mm	
CCS	7 x 0.16	SPE	1.52	TC	84%	PVC	2.8

Electrical characteristics

- Max. conductor DC resistance at 20°C (Ohm/km) 441
- Min. insulation DC resistance at 20°C (MOhm x km) 200
- Rated temperature (°C) 80
- Rated voltage (V) 30
- Capacitance (pF/m) 105 ± 3
- Velocity ratio (%) 66
- Impedance (Ohm) 50 ± 3

Attenuation at 20 °C (dB/100m)

10 MHz	9.5
100 MHz	27
200 MHz	40

RG178



Construction

Inner Conductor	Insulation	Braiding	Sheath
Material dia. mm	Material dia. mm	Material	Material dia. mm
SPCCS 7 x 0.102	PTFE 0.84	SPC 94%	FEP 1.8

Electrical characteristics

- Max. conductor DC resistance at 20°C (Ohm/km) 339
- Min. insulation DC resistance at 20°C (MOhm x km) 200
- Rated temperature (°C) 200
- Rated voltage (V) 30
- Capacitance (pF/m) 100 ± 3
- Velocity ratio (%) 69
- Impedance (Ohm) 50 ± 3

Attenuation at 20 °C (dB/m)

100 MHz	0.453
400 MHz	0.958
1000 MHz	1.500

RG213 /U



Construction

Inner Conductor	Insulation	Braiding	Sheath
Material dia. mm	Material dia. mm	Material	Material dia. mm
BC 7 x 0.75	SPE 7.25	BC 98%	PVC 10.3

Electrical characteristics

- Max. conductor DC resistance at 20°C (Ohm/km) 0.65
- Min. insulation DC resistance at 20°C (MOhm x km) 500
- Rated temperature (°C) 80
- Max. operating voltage (VRMS) 5000
- Rated voltage (V) 30
- Capacitance (pF/m) 100 ± 3
- Velocity ratio (%) 66
- Impedance (Ohm) 50 ± 3

Attenuation at 20 °C (dB/100m)

10 MHz	6.2
600 MHz	19.5
1000 MHz	27.8

RG214



Construction

Inner Conductor		Insulation		Braiding		Sheath	
Material dia. mm		Material dia. mm		Material		Material dia. mm	
SPC	7 x 0.75	SPE	7.25	SPC 1st 83%; 2nd 88%		PVC	10.8

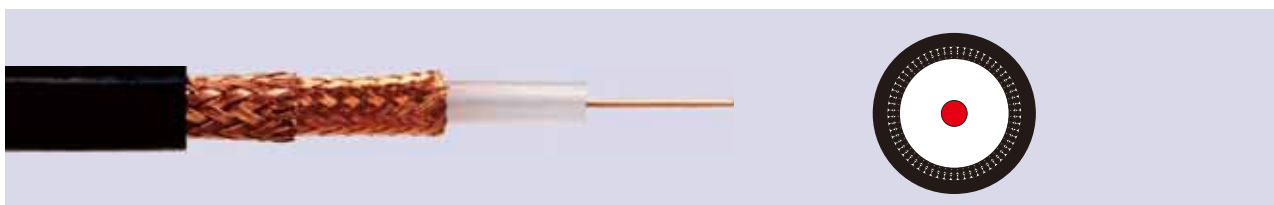
Electrical characteristics

- Max. conductor DC resistance at 20°C (Ohm/km) 6.04
- Min. insulation DC resistance at 20°C (MOhm x km) 1000
- Rated temperature (°C) 80
- Rated voltage (V) 30
- Capacitance (pF/m) 100 ± 3
- Velocity ratio (%) 67
- Impedance (Ohm) 50 ± 3

Attenuation at 20 °C (dB/100m)

100 MHz	7.0
500 MHz	14.7
1000 MHz	22.5
2500 MHz	44.0

RG217



Construction

Inner Conductor		Insulation		Braiding		Sheath	
Material dia. mm		Material dia. mm		Material		Material dia. mm	
BC	2.7	SPE	9.4	BC 1st 92%; 2nd 88%		PVC	13.8

Electrical characteristics

- Max. conductor DC resistance at 20°C (Ohm/km) 3.32
- Min. insulation DC resistance at 20°C (MOhm x km) 1000
- Rated temperature (°C) 80
- Rated voltage (V) 7000
- Capacitance (pF/m) 101 ± 3
- Velocity ratio (%) 66
- Impedance (Ohm) 50 ± 3

Attenuation at 20 °C (dB/100m)

10 MHz	5.3
400 MHz	12.1
1000 MHz	30.0

RG218



Construction

Inner Conductor		Insulation		Braiding		Sheath	
Material dia. mm		Material dia. mm		Material		Material dia. mm	
BC	4.95	SPE	17.23	BC	95%	PVC	22

Electrical characteristics

- Max. conductor DC resistance at 20°C (Ohm/km) 0.98
- Min. insulation DC resistance at 20°C (MOhm x km) 1000
- Rated temperature (°C) 80
- Rated voltage (V) 8000
- Capacitance (pF/m) 105 ± 3
- Velocity ratio (%) 66
- Impedance (Ohm) 50 ± 3

Attenuation at 20 °C (dB/100m)

50 MHz	0.65
100 MHz	1.00
400 MHz	2.75
1000 MHz	5.00

RG223 /U



Construction

Inner Conductor		Insulation		Braiding		Sheath	
Material dia. mm		Material dia. mm		Material		Material dia. mm	
SPC	0.9	SPE	2.95	SPC	1st 95%; 2nd 95%	PVC	5.39

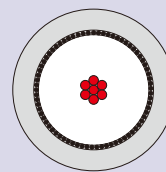
Electrical characteristics

- Max. conductor DC resistance at 20°C (Ohm/km) 29.8
- Min. insulation DC resistance at 20°C (MOhm x km) 10000
- Rated temperature (°C) 80
- Rated voltage (V) 30
- Capacitance (pF/m) 101 ± 3
- Velocity ratio (%) 66
- Impedance (Ohm) 50 ± 3

Attenuation at 20 °C (dB/100m)

30 MHz	7.0
200 MHz	19.0
500 MHz	30.0
1000 MHz	42.0
3000 MHz	76.0

RG316



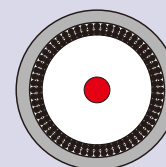
Construction

Inner Conductor		Insulation		Braiding		Sheath	
Material dia. mm		Material dia. mm		Material		Material dia. mm	
SPC	7 x 0.18	PTFE	1.5	SPC	94%	FEP	2.5

Electrical characteristics

● Max. conductor DC resistance at 20°C (Ohm/km)	132	Attenuation at 20 °C (dB/m)	
● Min. insulation DC resistance at 20°C (MOhm x km)	500	100 MHz	0.265
● Rated temperature (°C)	200	400 MHz	0.530
● Rated voltage (V)	30	1000 MHz	0.875
● Capacitance (pF/m)	105 ± 3		
● Velocity ratio (%)	69		
● Impedance (Ohm)	50 ± 3		

RG400 /U



Construction

Inner Conductor		Insulation		Braiding		Sheath	
Material dia. mm		Material dia. mm		Material		Material dia. mm	
SPC	19 x 0.2	PTFE	2.95	SPC	x 2 layers	FEP	4.95

Electrical characteristics

● Rated temperature (°C)	200	Attenuation at 20 °C (dB/100m)	
● Capacitance (pF/m)	105 ± 3	10 MHz	14.2
● Impedance (Ohm)	50 ± 3	400 MHz	29.2
		1000 MHz	49.2
		3000 MHz	90.4