



CATV
Roll of 1000 ft.

CATV

Digital broadband cable, 0.30 inch diameter

• Low loss RG-6 quad shield type cable

- Moisture resistant
- Solid copper covered steel center conductor
- High velocity gas-injected foam dielectric - 82%
- 100% shield coverage - 95% tinned copper braid plus bonded aluminum tape plus 60% coverage aluminum wire plus double side aluminum tape plus 40% coverage aluminum wire plus floodant

Electrical Specifications

- Velocity of propagation	82%
- DC breakdown	1000 volts
- DC resistance	
inner conductor,ohms	30.4/1,000'
- DC resistance	
outer conductor,ohms	5.3/1,000'
- Jacket spark - volts RMS	3,000
- Impedance	75 ohms
- Capacitance	16.16 pF/ft.
- Inductance	0.091 uH/ft.
- Shielding effectiveness	>90 db

BR-195

Braided cable, 0.195 inch diameter

• Low loss RG-58 type cable

- Solid bare copper center conductor
- High velocity gas-injected foam dielectric - 76%
- 100% shield coverage - 95% tinned copper braid plus bonded aluminum tape

BR-195

Roll of 500 ft.

Attenuation and Average Power Rating

Frequency MHz	Attenuation		Avg.Power kW
	dB/100 ft.	dB/100 m	
30	2.0	6.5	0.89
50	2.5	8.4	0.68
150	4.4	14.6	0.39
220	5.4	17.7	0.32
450	7.8	25.5	0.22
900	11.1	36.5	0.16
1500	14.5	47.7	0.12
1800	16.0	52.5	0.11
2000	16.9	55.4	0.10
2500	19.0	62.4	0.09
2800	29.9	98.1	0.06

Electrical Specifications

- Maximum frequency	16.2 GHz
- Velocity of propagation	76%
- DC breakdown	1000 volts
- Peak power rating	2.5 kW
- DC resistance	
inner conductor,ohms	7.6/1,000'
- DC resistance	
outer conductor,ohms	4.90/1,000'
- Jacket spark - volts RMS	3,000
- Impedance	50 ohms
- Capacitance	25.40 pF/ft.
- Inductance	0.064 uH/ft.
- Shielding effectiveness	>90 db
- Phase stability	< 10 ppm/C

Use Standard RG-58 Crimp Connectors

BR-200

Braided cable, 0.195 inch diameter

• Low loss RG-58 type cable

- Solid bare copper center conductor
- High velocity gas-injected foam dielectric - 83%
- 100% shield coverage - 95% tinned copper braid plus bonded aluminum tape

BR-200

Roll of 500 ft.

Attenuation and Average Power Rating

Frequency MHz	Attenuation		Avg.Power kW
	dB/100 ft.	dB/100 m	
30	1.8	5.8	1.20
50	2.3	7.5	0.79
150	4.0	13.1	0.45
220	4.8	15.9	0.37
450	7.0	22.8	0.26
900	9.9	32.6	0.18
1500	12.9	42.4	0.14
1800	14.2	46.6	0.13
2000	15.0	49.3	0.12
2500	16.9	55.4	0.10

Electrical Specifications

- Maximum frequency	16.2 GHz
- Velocity of propagation	83%
- DC breakdown	1000 volts
- Peak power rating	2.5 kW
- DC resistance	
inner conductor,ohms	5.36/1,000'
- DC resistance	
outer conductor,ohms	4.90/1,000'
- Jacket spark - volts RMS	3,000
- Impedance	50 ohms
- Capacitance	25.55 pF/ft.
- Inductance	0.061 uH/ft.
- Shielding effectiveness	>90 db
- Phase stability	< 10 ppm/C

BR-200-1

Roll of 1000 ft.

Use BR-200 Crimp Connectors Only

BR-240

Braided cable, 0.240 inch diameter

• Low loss RG-8X type cable

- Solid bare copper center conductor
- High velocity gas-injected foam dielectric - 84%
- 100% shield coverage - 95% tinned copper braid plus bonded aluminum tape

BR-240

Roll of 500 ft.

Attenuation and Average Power Rating

Frequency MHz	Attenuation		Avg.Power kW
	dB/100 ft.	dB/100 m	
30	1.3	4.4	1.49
50	1.7	5.7	1.15
150	3.0	9.9	0.66
220	3.7	12.0	0.54
450	5.3	17.3	0.38
900	7.6	24.8	0.26
1500	9.9	32.4	0.20
1800	10.9	35.6	0.18
2000	11.5	37.7	0.17
2500	12.9	42.4	0.15

Electrical Specifications

- Maximum frequency	16.2 GHz
- Velocity of propagation	84%
- DC breakdown	1,500 volts
- Peak power rating	5.6 kW
- DC resistance	
inner conductor,ohms	3.2/1,000'
- DC resistance	
outer conductor,ohms	3.89/1,000'
- Jacket spark - volts RMS	5,000
- Impedance	50 ohms
- Capacitance	25.12 pF/ft.
- Inductance	0.061 uH/ft.
- Shielding effectiveness	>90 db
- Phase stability	< 10 ppm/C

Use BR-240 Crimp Connectors Only

Browning Connectors - Silver Plated Brass, Gold Contact Pin

BR-200

Model Description-Conn.Body/Pin

N-200	N-Male Crimp
UHF-200	UHF-Male crimp/solder
MUHF-200	Mini-UHF Male crimp
MUHFF-200	Mini-UHF Female crimp
BNC-200	BNC Male crimp
BNCF-200	BNC Female crimp
BNC-RP-200	BNC Male crimp (reverse polarity)
BNCF-RP-200	BNC Female crimp (reverse polarity)
TNC-200	TNC Male crimp
TNCF-200	TNC Female crimp
TNC-RP-200	TNC Male crimp (reverse polarity)
TNCF-RP-200	TNC Female crimp (reverse polarity)
SMA-200	SMA Male crimp

BR-240

Model Description-Conn.Body/Pin

N-240	N Male Crimp
UHF-240	UHF Male crimp
MUHF-240	Mini-UHF Male crimp
BNC-240	BNC Male crimp
TNC-240	TNC Male crimp