

BR-400-BC

Braided Cable, 0.405 Inch Diameter

- Low loss RG-8/RG-213/9913 type cable
- **Solid bare copper center conductor**
- High velocity gas-injected foam dielectric - 85%
- 100% shield coverage - 95% tinned copper braid plus bonded aluminum tape

Construction Specifications

Part	Material	Inches	MM
Inner conductor	Solid bare copper	0.108	2.74
Dielectric	Foam polyethylene	0.285	7.24
Outer conductor	Aluminum tape	0.291	7.39
Overall braid	Tinned copper	0.320	8.13
Jacket	Black polyethylene	0.405	10.29

Electrical Specifications

- Maximum frequency	16.2 GHz	
- Velocity of propagation	85%	
- DC breakdown	2500 Volts	
- Peak power rating	16 kW	
- DC resistance		
inner conductor, ohms	1.39/1,000'	4.56/km
- DC Resistance		
outer conductor, ohms	1.65/1,000'	5.41/km
- Jacket spark-volts RMS	8,000	
- Impedance	50 Ohms	
- Capacitance	25.00 pF/ft.	82.00 pF/m
- Inductance	0.060 uH/ft.	0.20 uH/m
- Shielding effectiveness	>90 dB	
- Phase stability	< 10 ppm/C	

BR-400-BC

Roll of 500 ft.

Please Call For Free Sample

Attenuation and Average Power Rating

Frequency MHz	Attenuation dB/100 ft. dB/100 m	Avg. Power KW
30	0.7	3.3
50	0.9	2.6
150	1.5	1.5
220	1.9	1.2
450	2.7	0.8
900	3.9	0.56
1500	5.1	0.43
1800	5.7	0.39
2000	6.0	0.37
2500	6.7	0.33

18 Ft. BR-400-BC Cable Assembly

BR-400 cable assembly with UHF-400 connectors	Model	Description
<ul style="list-style-type: none"> • Silver plated crimped connector • Gold soldered contact pin • Teflon insulator • Shrink tubing on crimp 	400-18	18 ft. UHF to UHF

Browning Connectors - Silver Plated, Gold Contact Pin, Teflon Insulator

BR-400

Model	Description-Conn.Body/Pin
N-S-400	N Male solder
N-400	N Male crimp/solder
N-CP-400	Contact pin for N-400
NF-400	N Female crimp/Solder
NF-CP-400	Contact pin for NF-400
UHF-400	UHF Male crimp/Solder

BR-500

Model	Description-Conn.Body/Pin
N-500	N Male crimp/colder
N-CP-500	Contact pin for N-500
NF-500	N Female pin for NF-500
NF-CP-500	Contact Pin for NF-500
UHF-500	UHF Male crimp/Solder