

HAM RADIO OUTLET

Radioworld

ABR Industries LLC

8561 Rayson Rd.

Houston, TX 77080

713-492-2722

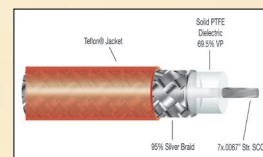
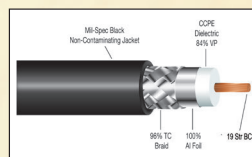
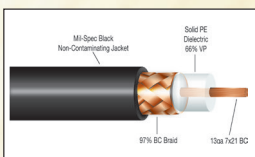
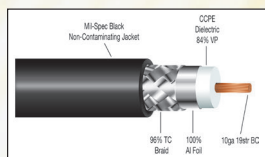
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**American Built
and Reliable**

Buy With Confidence

ABR industries manufactures all assemblies in our Houston facility, guaranteeing quality control from start to finish. Being a critical component of your system or station, it's important to know where and how your coax cable assemblies are built.



Product	ABR400F (PN25400F)	ABR213 (PN:2213A)	ABR240-UF (PN:218XATC)	ABR316 (PN:23316)
Application	HF /VHF /UHF Base	HF Base High Power	HF /VHF /UHF Base and Portable	Handheld / Backpack / Portable
Size	0.405"	0.405"	0.242"	0.102"
Center	19 - Strand Copper	7 - Strand Copper	19 - Strand Copper	1 - Solid Silver
Dielectric	Gas Injected Foam PE	Soid PE	Gas Injected Foam PE	PTFE
Shield(s)	100% Foil /95% Tin/Copper	97% Mil-Spec Copper	100% Foil /95% Tin/Copper	1 -95% Silver
Jacket	Non-Contaminating PVC	Non-Contaminating PVC	Non-Contaminating PVC	FEP (Tan)

Loss @ 100ft / Power				
30MHz	0.8dB / 2.77KW	1.0dB / 1.95KW	1.6dB / 1.24KW	4.3dB / 1.09KW
50MHz	1.1dB / 2.14KW	1.4dB / 1.49KW	2.1dB / 0.96KW	5.6dB / 0.84KW
150MHz	1.8dB / 1.22KW	2.4dB / 0.83KW	3.6dB / 0.55KW	9.8dB / 0.48KW
220MHz	2.2dB / 1.00 KW	3.0dB / 0.68KW	4.4dB / 0.45KW	11.9dB / 0.39KW
450MHz	3.3 dB / 0.69KW	4.5dB / 0.45KW	6.3dB / 0.31KW	17.2dB / 0.27KW
Comments	Runs up to 500ft	Runs up to 500ft	Runs up to 100ft	Short runs under 25ft



Connector Type	Frequency Range	Application	Comment
PI259 (UHF Male)	up to 500MHz	Base / Mobile/ Portable	Popular - Non Constant Impedance - HF High Power
SO239 (UHF Female)	up to 500MHz	Base / Mobile/ Portable	Cable Extensions / Adapters
BNC Male / Female	Up to 6 GHz	Base / Mobile / Portable	Other Handhelds / Receivers
TNC Male / Female	Up to 8 GHz	Base / Mobile	Available in Reverse Polarity for WiFi
N - Type Male / Female	Up to 18 GHz	Base / Mobile	VHF and Above / High Power
SMA Male / Female	Up to 18 GHz	Base / Mobile / Portable	New Handhelds / Adapters / Receivers



ABR provides ground braid in 1/2", 5/8" and 1" configurations with ring terminals or grommets installed. Standard lengths are 1 ft, 3 ft, 5 ft, 10 ft, 15 ft, and 25 ft.

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