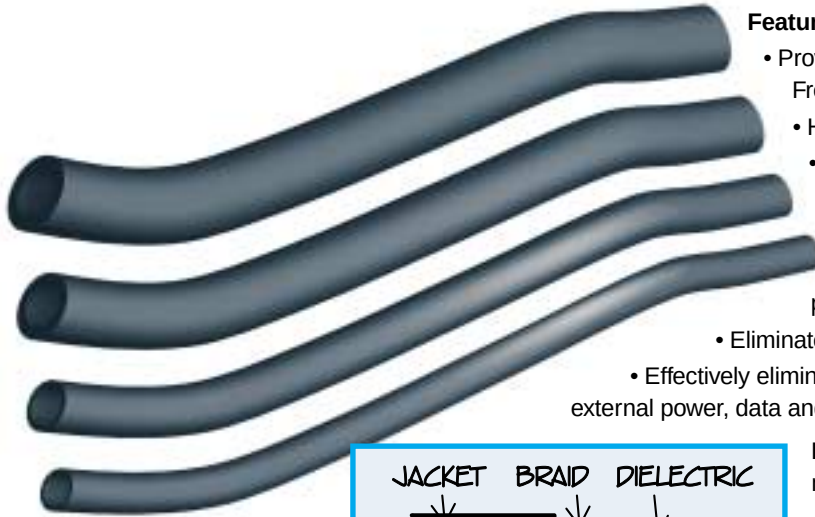


FFAT Series

Flexible Ferrite Absorbent Tubing



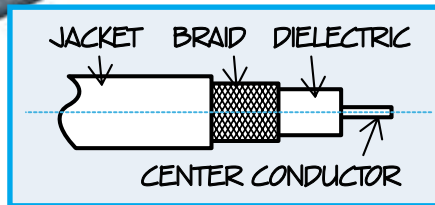
Features

- Provides effective EMI Suppression in a wide Frequency Range (10MHz to 3GHz)
- High electrical resistance (10^6 to 10^8)
- Easy and fast to process
- Extremely flexible
- Six sizes to choose from
- Can be incorporated into the over-molding process on cable assemblies
- Eliminates the task of soldering braid
- Effectively eliminates EMI and RFI problems on internal and external power, data and signal lines

Manufactured length 39.37 inches $\pm$ 0.50; 1 meter $\pm$ 12.7 mm

Operating Temperature Range -55°C to $+125^{\circ}\text{C}$

***Note – Impedance Testing** Impedance is typical, based on (10.0") 19 AWG wire, measurement using HP4191A.



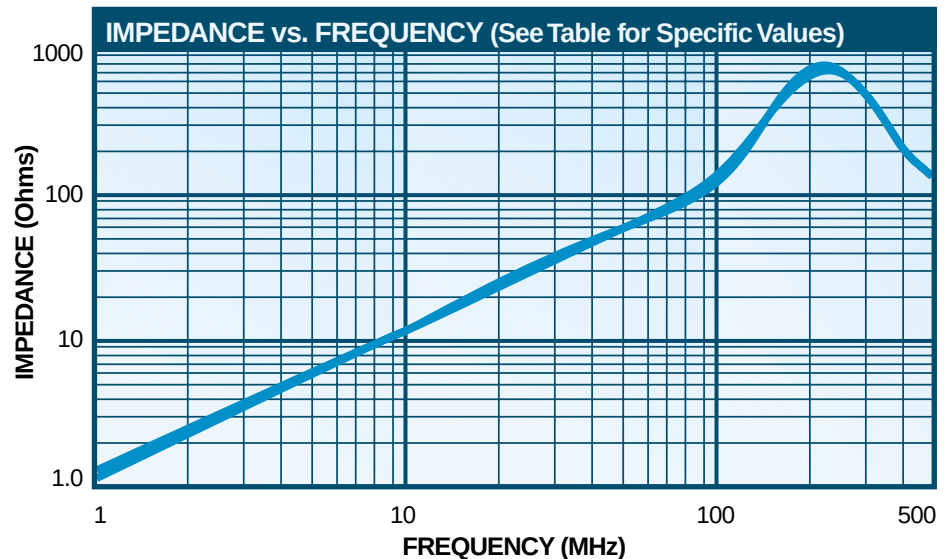
Cable Reference Table

Cable	O.D.
Jacket	
RG-8A/U	0.405
RG-9B/U	0.420
RG-55	0.176
RG-58	0.150
RG-58A	0.195
RG-59	0.191
RG-62	0.191
RG-62A	0.242
RG-71	0.208
RG-140	0.176
RG-141	0.146
RG-141A	0.190
RG-142	0.171
RG-174	0.080
RG-178	0.054
RG-179	0.084
RG-179B/U	0.100
RG-180	0.124
RG-187	0.084
RG-187A/U	0.110
RG-188	0.081
RG-188A/U	0.110
RG-195	0.124
RG-196	0.054
RG-210/U	0.242
RG-213/U	0.405
RG-214/U	0.425
RG-223	0.176
RG-303	0.146
RG-316	0.081
RG-316 DS	0.102

Information compliments of
MegaPhase, 201-D North First
Street, Stroudsburg PA 18360

Physical Parameters – Sizes available

Part Number		FFAT-32	FFAT-54	FFAT-65	FFAT-96	FFAT-117	FFAT-1410
Outside Diameter	Inches	0.116	0.196	0.255	0.354	0.43	.55
	Millimeters	2.9	5	6.5	9	11	14
Inside Diameter	Inches	0.072	0.157	0.196	0.236	0.275	.393
	Millimeters	1.8	4	5	6	7	10



For more detailed graphs, contact factory

TABLE 1: Typical Impedance (Ohms) vs. Frequency Sample piece tested 4.0" long

	10 MHz	30 MHz	50 MHz	100 MHz	200 MHz	300 MHz
FFAT-32	11	34	58	140	579	980
FFAT-54	11	34	58	138	583	1004
FFAT-65	11	34	58	132	587	1023
FFAT-96	11	35	59	134	619	921
FFAT-117	12	35	60	137	656	874
FFAT-1410	12	31	64	149	790	570