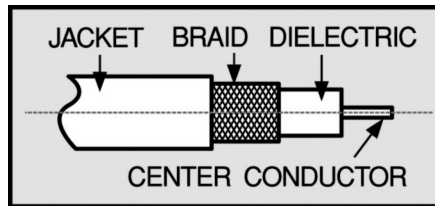


# FFAT SERIES



## Flexible Ferrite Absorbent Tubing



### 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

### 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

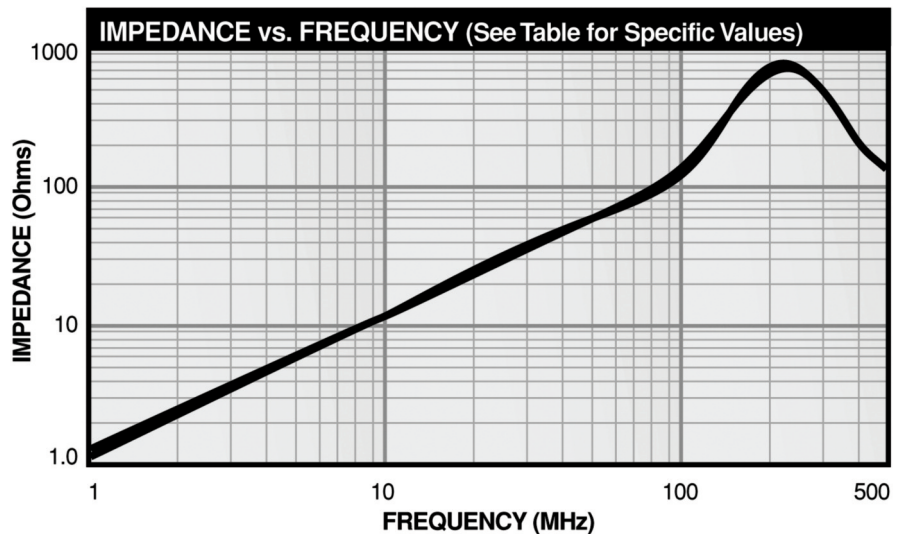
**Manufactured length** 39.37 inches  $\pm$  0.50; 1 meter  $\pm$  12.7 mm

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

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

### 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     |

# AMEYA360

## Components Supply Platform

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Welcome to visit [www.ameya360.com](http://www.ameya360.com)

Contact Us :

➤ Address :

401 Building No.5, JiuGe Business Center, Lane 2301, Yishan Rd  
Minhang District, Shanghai , China

➤ Sales :

Direct +86 (21) 6401-6692

Email [amall@ameya360.com](mailto:amall@ameya360.com)

QQ 800077892

Skype ameyasales1 ameyasales2

➤ Customer Service :

Email [service@ameya360.com](mailto:service@ameya360.com)

➤ Partnership :

Tel +86 (21) 64016692-8333

Email [mkt@ameya360.com](mailto:mkt@ameya360.com)