



TEMPERATURE RANGE -40/+125



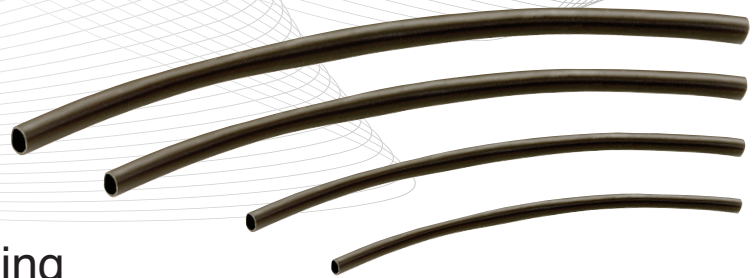
ROHS COMPLIANT



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FFAT Series

Flexible Ferrite Absorbent Tubing Commercial Applications

Features and Benefits

- Provides effective EMI Suppression in a wide Frequency Range (10MHz to 3GHz).
- High electrical resistance (106 to 108).
- Easy and fast to process.
- Extremely flexible and can freely be arranged in space.
- 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.
- Five sizes available.

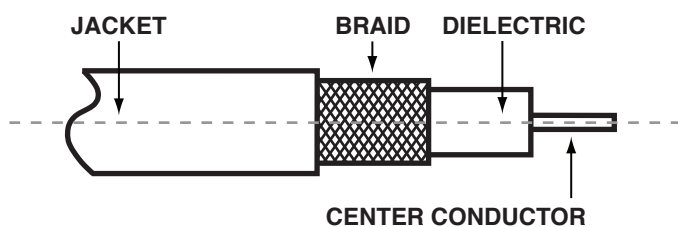
Parameters

Operating Temperature Range -55°C to +125°C

Manufactured Length 39.37 inches ± 0.50, 1 meter ± 12.7 mm

Testing

Impedance Testing using HP4191A.



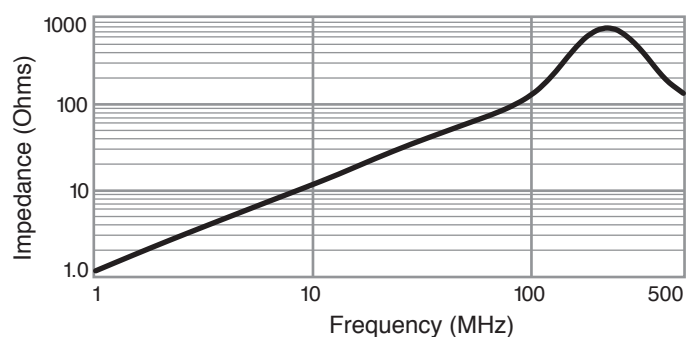
Dimensions

| | Outside Diameter | | Inside Diameter | |
|-----------|------------------|-------------|-----------------|-------------|
| | Inches | Millimeters | Inches | Millimeters |
| FFAT-32 | 0.116 | 2.9 | 0.072 | 1.8 |
| FFAT-54 | 0.196 | 5 | 0.157 | 4 |
| FFAT-96 | 0.354 | 9 | 0.236 | 6 |
| FFAT-117 | 0.43 | 11 | 0.275 | 7 |
| FFAT-1410 | 0.55 | 14 | 0.393 | 10 |

Cable Reference Table

| Cable | O.D. Jack |
|-----------|-----------|
| RG-8A/U | 0.405 |
| RG-9B/U | 0.42 |
| RG-55 | 0.176 |
| RG-58 | 0.15 |
| 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 | 0.19 |
| RG-142 | 0.171 |
| RG-174 | 0.08 |
| RG-178 | 0.054 |
| RG-179 | 0.084 |
| RG-179B/U | 0.1 |
| RG-180 | 0.124 |
| RG-187 | 0.084 |
| RG-187A/U | 0.11 |
| RG-188 | 0.081 |
| RG-188A/U | 0.11 |
| 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 |

Impedance vs. Frequency (See Above Table For Specific Values)



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