

Band Pass Filter

Electrical Specifications

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|------------------------------|-------------|
| Frequency Band | 806-880 MHz |
| Bandwidth | 5 MHz |
| Input Power (Max.) | 400 W |
| Insertion Loss (Max. / Typ.) | 1.5 dB |
| VSWR (Max.) | 1.3:1 |
| Impedance (Nom.) | 50 Ω |
| RF Connectors (I/O) | N Female |

Mechanical Specifications

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|----------------------|--|
| Finish | Black Paint |
| Rack Units | 3 RU |
| Rack Mount | 19" EIA |
| Overall Size (HxWxD) | 5.25" x 19" x 8" (133 x 483 x 203 mm) |
| Net Weight | 12.75 lbs (5.8 kg) |
| Ship Weight | 17 lbs (7.7 kg) |

Environmental Specifications

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|-----------------------|-------------------------------|
| Operating Temp. Range | -22 to 140 °F (-30 to +60 °C) |
|-----------------------|-------------------------------|



The 5044-8 Band Pass Filters are 6-cavity devices which provide band pass characteristics for both transmitter and receiver applications in the 800 MHz frequency bands. This product utilizes the superior RF conductivity of copper for excellent performance. The 5044-8 Series is capable of power requirements that average 600 watts. Both types of filters employ adjustable aperture coupling between resonators that are permanently fixed at the factory.

