

Band Pass Filter

Electrical Specifications

Frequency Band	880-960 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

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

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

