

## Low Pass Filter

### Electrical Specifications

Frequency Band	300-650 MHz
Operational Bandwidth	30 MHz
Input Power (Max.)	250 W
Isolation (Min.)	65 dB @ 2nd Harmonic
Insertion Loss (Max.)	0.15 dB
VSWR (Max.)	1.22:1
Impedance (Nom.)	50 $\Omega$
RF Connectors (I/O)	N Male / N Female

### Mechanical Specifications

Finish	Gray Paint
Overall Size (HxWxD)	1.25" x 4.7" x 1" (32 x 119 x 25 mm)
Net Weight	0.3 lbs (0.1 kg)
Ship Weight	1 lbs (0.5 kg)

### Environmental Specifications

Operating Temp. Range	-22 to 140 °F (-30 to +60 °C), -30 to +60 °C
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EMR Low-Pass Filters pass signals with a frequency lower than a certain cutoff frequency and attenuate signals with frequencies higher than the cutoff frequency, eliminating harmonics and IM products above the fundamental transmitter fundamental frequency. These filters come standard with N-Female to N-Male connectors. Other RF connector options available upon request.

