

Electrical Specifications

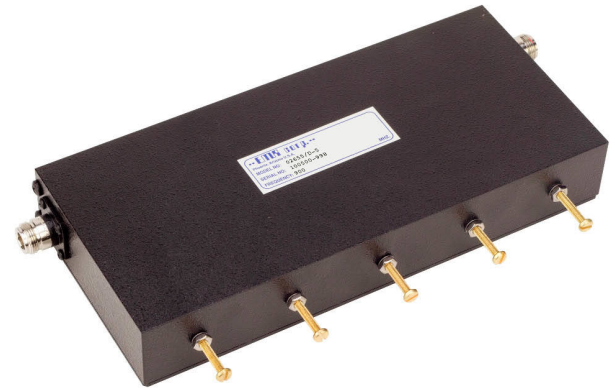
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|-----------------------|---------------------|
| Frequency Band | 894-960 MHz |
| Bandwidth | 3-15 MHz |
| Number of Resonators | 5 |
| Input Power | Rx Application Only |
| Insertion Loss (Typ.) | 2.0 dB |
| VSWR (Max.) | 1.2:1 |
| RF Connectors | N Female |
| Impedance (Nom.) | 50 Ω |

Mechanical Specifications

| | |
|----------------------|--|
| Finish | Black Paint |
| Overall Size (HxWxD) | 1.5" x 11.5" x 6" (38 x 292 x 152 mm) |
| Net Weight | 2.5 lbs (1.1 kg) |
| Ship Weight | 5 lbs (2.3 kg) |

Environmental Specifications

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|-----------------------|-------------------------------|
| Operating Temp. Range | -20 to +50 $^{\circ}\text{C}$ |
|-----------------------|-------------------------------|



EMR Corp RF Preselectors vary from single or dual cavity resonator combinations, to multi-stage inductive, aperture coupled, or combine filters. Special preselector assemblies may include one or more of these devices in combination, multiple pass and stop band characteristics, and special notch elements according to the complexity of site requirements. EMR preselectors are designed to optimize loss, selectivity, and costs; with respect to the particular site requirements and frequencies.

Product Features

- Covers the entire 894-960 MHz band
- 2.0 dB typical insertion loss
- 20 dB attenuation 15 MHz away from center frequency

