

Interference Mitigation Filter, 890–960 MHz

General Specifications

Application Indoor

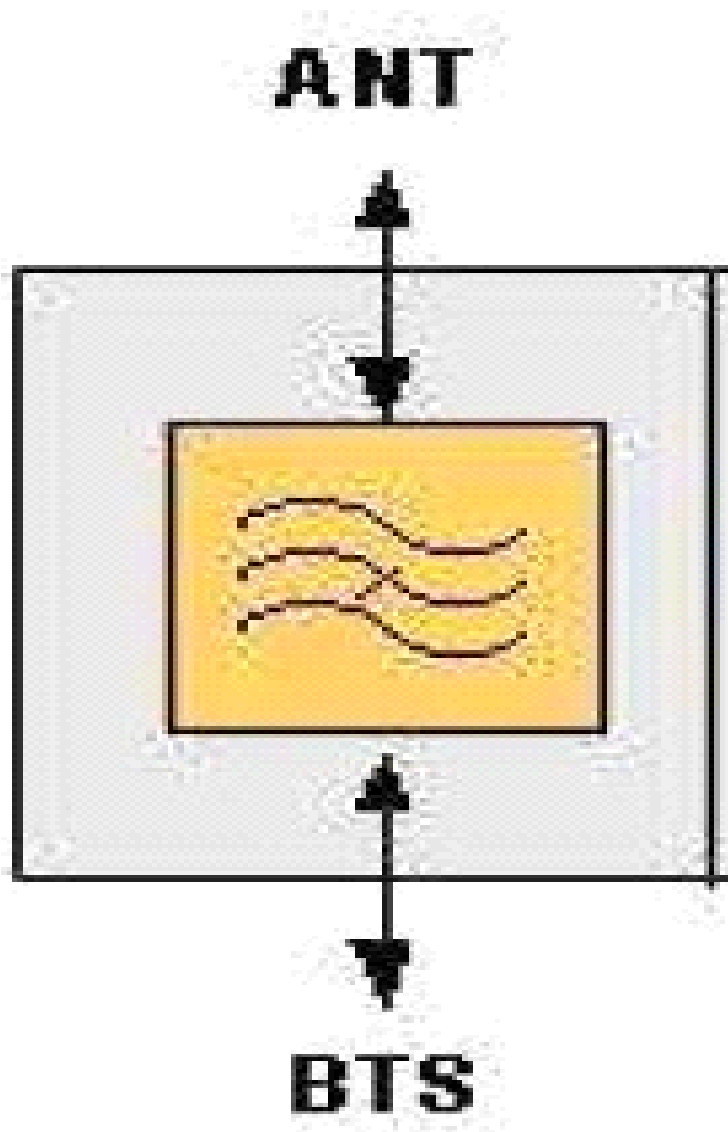
Product Classification

Product Type Interference mitigation filter

Electrical Specifications

3rd Order IMD, antenna port, maximum	150 dBc (Two +43 dBm carriers)
Band Rejection at Operating Frequency, minimum	15 dB @ 888 MHz 37 dB @ 869.0–886.8 MHz 37 dB @ 887 MHz
Insertion Loss at Operating Frequency, maximum	0.5 dB @ 935–960 MHz 0.6 dB @ 898–915 MHz 1.0 dB @ 892–898 MHz 1.5 dB @ 890.4–892.0 MHz 2.0 dB @ 890.0–890.4 MHz
Insertion Loss Ripple, maximum	1.7 dB
Operating Frequency Band	890 – 960 MHz
Power Consumption, maximum	200 W
Return Loss, minimum	18.00 dB

Block Diagram



Mechanical Specifications

Connector Interface

7-16 DIN Female

Environmental Specifications

E15V80P99

Operating Temperature

0 °C to +60 °C (+32 °F to +140 °F)

Relative Humidity

5%–95%

Dimensions

Depth

97.0 mm | 3.8 in

Height

187.0 mm | 7.4 in

Width

63.0 mm | 2.5 in

Weight

1.6 kg | 3.5 lb