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
Operating Temperature | 0 °C to +60 °C (+32 °F to +140 °F)
Relative Humidity     | 5%–95%

Dimensions

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<table>
<thead>
<tr>
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<tbody>
<tr>
<td>Depth</td>
<td>97.0 mm</td>
</tr>
<tr>
<td>Height</td>
<td>187.0 mm</td>
</tr>
<tr>
<td>Width</td>
<td>63.0 mm</td>
</tr>
<tr>
<td>Weight</td>
<td>1.6 kg</td>
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</tbody>
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