X-Band Transmit Reject Filter
Model 19170

By utilizing hybrid design techniques, the model 19170 receive band filter is able to achieve extremely low through loss with deep transmit band rejection.

Specifications:
- **Passband:** 7.25 - 7.75 GHz
- **Passband Loss:** 0.3 dB Typ
- **Passband Return Loss:** 20 dB Typ
- **Rejection:** 90 dB Min from 7.9 - 8.4 GHz
- **Flanges:** See chart
- **Operating Temp. Range:** -10°C to +65°C
- **Weight:** 0.75 lbs (0.34 Kg)
- **Dimensions:** 8.25" x 1.88" x 2.67" (210mm x 48mm x 68mm)
- **Finish:** Flat Black Lacquer

### Flange Configurations

<table>
<thead>
<tr>
<th>Model</th>
<th>Input Flange</th>
<th>Output Flange</th>
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</thead>
<tbody>
<tr>
<td>19170</td>
<td>WR112 Cover</td>
<td>WR112 Cover</td>
</tr>
<tr>
<td>19170-1</td>
<td>WR112 Grooved</td>
<td>WR112 Cover</td>
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