Microlab Cavity Duplexer Model BL-37 series allows combination and separation of the Tx and Rx signals in a duplex 700 MHz Upper Block C signal. Units provide high isolation, and low insertion loss.

Attention to mechanical design, ensures low loss, and high reliability. Other models available for different bands and powers.

<table>
<thead>
<tr>
<th>Model/Connector</th>
<th>N (f)</th>
<th>7-16 (f)</th>
<th>4.3-10 (f)</th>
</tr>
</thead>
<tbody>
<tr>
<td>BL-37N</td>
<td>BL-37D</td>
<td>BL-37E</td>
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</tbody>
</table>

Rx Passband: 776 - 787 MHz (Rx Port)
Tx Passband: 746 - 757 MHz (Tx Port)
Bandwidth, Tx and Rx: 11 MHz
Insertion Loss: 1.0 dB max.
Passband Ripple: 0.7 dB max.
Return Loss, all ports: 20 dB min.
PIM (Intermod): -161 dBc (measured in Rx Block using two +43 dBm tones in corresponding Tx Block)
Input Isolation: >60dB (between Tx/Rx bands)
Out of Band Rejection: >55dB, DC-740 & 806-894 MHz
Power Rating: 200W avg., 5 kW peak
Impedance: 50Ω nominal
Environment: -20°C to +65°C, IP64
Finish: Connectors: Triplate
Housing Finish: Silver plated aluminum
Weight, nom: 8.5 lb., 3.8 kg

Note: Specifications are subject to change without prior notification.
All dimensions in mm nominal