$ Saver Product Line

- Combines or Splits Tx and Rx Signals for for US LTE 700 Lower Block B/C Systems
- High Isolation
- Low Insertion Loss
- Up to 50W power
- High reliability
- RoHS Compliant

<table>
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<tr>
<th>Model/Connector</th>
<th>Rx Path Simulation Data</th>
<th>Tx Path Simulation Data</th>
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<td>N (f)</td>
<td>7-16 (f)</td>
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Microlab Duplexer, BL-10 series allows combination and separation of the Tx and Rx signals in a duplex lower Block B/C 700 MHz LTE signal.
Units provide high isolation, and low insertion loss.
Attention to mechanical design, ensures low loss, and high reliability. (03/14).

- 700 Tx Passband: 734 - 746 MHz (Tx Port)
- 700 Rx Passband: 704 - 716 MHz (Rx Port)
- Bandwidth, Tx and Rx: 12 MHz
- Insertion Loss: 1.0 dB max
- Passband Ripple: 0.8 dB max
- Input Isolation: >65dB (between Tx/Rx bands)
- Return Loss, all ports: 18 dB min.
- Power Rating: 50W CW max/input
- Impedance: 50Ω nominal
- Environment: -30°C to +80°C, IP64
- Finish: Connectors: Triplated
- Housing Finish: Black Epoxy coated aluminum
- Weight, nom: 3.0 lb., 1.4 kg
Outline Model BL-10D

All dimensions in mm nominal
Outline Model BL-10N

All dimensions in mm nominal