This duplexer provides excellent isolation between the transmit and receive bands with minimal signal degradation.

**Specifications:**

**Passbands**
- Receive: 1710-1785 MHz
- Transmit: 1805-1880 MHz
- Passband Loss: 1.0 dB Max
- Passband Return Loss: 18 dB Min
- Maximum Transmit Power Handling: 100 Watts - CW
- Power Handling: 450 Watts - Peak (Instantaneous)

**Rejection**
- Antenna to Transmit: 55 dB Min from 1710-1785 MHz
- Antenna to Receive: 55 dB Min from 1805-1880 MHz
- Operating Temperature: -20˚C to +70˚C
- Rx-Tx Isolation: 55 dB Min
- Connectors: See chart below
- Dimensions: 5.49" x 5.89" x 1.75"
  (139mm x 150mm x 44mm)

<table>
<thead>
<tr>
<th>Model #</th>
<th>Common</th>
<th>TX</th>
<th>RX</th>
</tr>
</thead>
<tbody>
<tr>
<td>18600</td>
<td>N-female</td>
<td>N-female</td>
<td>N-female</td>
</tr>
<tr>
<td>18600-1</td>
<td>N-female</td>
<td>SMA-female</td>
<td>SMA-female</td>
</tr>
</tbody>
</table>

**Connector Configurations**

![Diagram of GSM 1800 Full Band Duplexer Model 18600](image)

**MICROWAVE FILTER CO., INC.**
6743 KINNE STREET, E. SYRACUSE, NY 13057
E-Mail: mfsales@microwavefilter.com
800-448-1666 • 315-438-4700
Web: www.microwavefilter.com