EMTS Telecom Services Ltd. offers a comprehensive portfolio of enhanced coverage solutions for the Wireless Networks, Based on advanced technologies. EMTS proven, indoor and outdoor solutions solve a wide range of network challenges including interference and oscillation problems, challenging coverage holes, rapid response deployment and inadequate in-building coverage. Regardless of the technology or frequency, EMTS can provide customized coverage solutions that address any combination of unique and complex network needs for the Wireless Networks.

Main Features:

- Filter 900 and 1800 MHz bands to a single port.
- Dual Duplex Design (Tx/Rx)
- Very High Isolation.
- Based on advance Cavity technology.
- Very Low PIM.
- Low insertion loss.
- Single and Dual Barchs (antennas) types

4 port Diplexer
900-1800MHz bands
Model No: DI-900-1800-DD-80
## Technical specifications

<table>
<thead>
<tr>
<th>Name</th>
<th>Duplexer (4ports combinner)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>GSM900</td>
</tr>
<tr>
<td>Input Ports</td>
<td>CH1(MHz)</td>
</tr>
<tr>
<td>Frequency Range, MHz</td>
<td>880 - 915</td>
</tr>
<tr>
<td>Insertion Loss, dB</td>
<td>≤ 1.5</td>
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<tr>
<td>Isolation, dB</td>
<td>≥ 80</td>
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<tr>
<td>VSWR</td>
<td>≤ 1.2</td>
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<tr>
<td>Nominal Impedance, Ohm</td>
<td>50</td>
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<tr>
<td>Maximum Input Power, W</td>
<td>100</td>
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<tr>
<td>Connectors</td>
<td>SMA-Female</td>
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<tr>
<td>Color</td>
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</tbody>
</table>

![Diagram]

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**About EMTS Telecom Services Ltd.:**

EMTS is a leading supplier of high-quality RF coverage solutions designed to maximize wireless network coverage in difficult RF environments and complex settings. The company specializes in extending RF radio coverage to rural areas, office buildings, subways, tunnels and shadowed areas. The EMTS coverage solution supports all major mobile technologies and standards of wireless Networks.

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