Ultra Compact Quad Diplexer, 3700–3800/3900–4100 MHz, DC Block, with 4.3-10 connectors

- Industry leading PIM performance
- New 4.3-10 connectors for improved PIM performance and size reduction
- dc/AISG blocking on all ports
- New Combining Solution to introduce 5G, 3.5GHz band
- Compact form factor with reduced size and weight

Product Classification

**Product Type**
Diplexer

General Specifications

**Color**
Gray

**Modularity**
2-Twin

**Mounting**
Pole | Wall

**Mounting Pipe Hardware**
Band clamps (2)

**RF Connector Interface**
4.3-10 Female

**Dimensions**

<table>
<thead>
<tr>
<th></th>
<th>Height</th>
<th>Width</th>
<th>Depth</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>92 mm</td>
<td>220 mm</td>
<td>121 mm</td>
</tr>
<tr>
<td>**</td>
<td>3.622 in</td>
<td>8.661 in</td>
<td>4.764 in</td>
</tr>
</tbody>
</table>

**Mounting Pipe Diameter Range**
42.6–122 mm

Outline Drawing
Electrical Specifications

**Impedance**
50 ohm

**Electrical Specifications, dc Power/Alarm**

**dc/AISG Pass-through Method**
No dc/AISG pass-through

**Electrical Specifications**

<table>
<thead>
<tr>
<th>Sub-module</th>
<th>1</th>
<th>2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Branch</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>Port Designation</td>
<td>PORT 1 3700-3800</td>
<td>PORT 2 3900-4100</td>
</tr>
</tbody>
</table>

**Electrical Specifications, Band Pass**

| Frequency Range, MHz | 3700–3800 | 3900–4100 |
Environmental Specifications

**Operating Temperature**
-40 °C to +65 °C (-40 °F to +149 °F)

**Corrosion Test Method**
IEC 60068-2-11, 30 days

**Environmental Test Method**
ETSI EN 300 019-1-4

**Ingress Protection Test Method**
IEC 60529:2001, IP67

Packaging and Weights

**Included**
Mounting hardware

**Volume**
2.45 L

**Weight, net**
4.8 kg | 10.582 lb

**Weight, without mounting hardware**
4.5 kg | 9.921 lb