RESISTIVE PICK-OFF TEE

PT-0020

Features
- Broadband (DC – 20 GHz)
- Flat 16 dB pick-off loss
- Excellent pick-off flatness near DC
- Small package size

Electrical Specifications - Specifications guaranteed from -55 to +100°C, measured in a 50-Ohm system.

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Frequency (GHz)</th>
<th>Min</th>
<th>Typ</th>
<th>Max</th>
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<tbody>
<tr>
<td>Insertion Loss (dB)</td>
<td>DC to 20.0 GHz</td>
<td>2</td>
<td>2.5</td>
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<tr>
<td>Pick-Off Loss (dB)</td>
<td>DC to 20.0 GHz</td>
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<tr>
<td>Through Line Return Loss (dB)</td>
<td>DC to 20.0 GHz</td>
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<td>Pick – Off Return Loss (dB)</td>
<td>DC to 20.0 GHz</td>
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<tr>
<td>Average Power Handling (W)</td>
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</tbody>
</table>

Model Number | Description
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PT-0020 | DC to 20 GHz Pick-Off Tee with SMA connectors

Backside Label
RESISTIVE PICK-OFF TEE

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Schematic

PT-0020

DC to 20.0 GHz

Typical Performance

Fig. 1. Through line and pick-off insertion losses.

Fig. 2. Through line and pick-off return losses

DATA SHEET NOTES:

1. Maximum total power without damage is load dependent. Maximum power for each 200 ohm resistor is +17 dBm (.05W) at +70°C.
2. Specifications are subject to change without notice. Contact Marki Microwave for the most recent specifications and data sheets.

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