2025 Series

Directional Couplers,
Multi-Octave

Features
- Flat Frequency Response
- Frequency Range: 0.5 - 18 GHz
- Multi-Octave Bandwidths
- Temperature Range: -54°C to +125°C
- Meets MIL-E-5400 Environments

Specifications

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>2025-6001-06</td>
<td>1</td>
<td>0.5-2.0</td>
<td>6 ± 1.0</td>
<td>±0.4</td>
<td>0.4</td>
<td>18</td>
<td>1.15</td>
<td>1.15</td>
<td>50</td>
<td>10</td>
<td>4</td>
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<td>2025-6002-10</td>
<td>1</td>
<td>1.0-4.0</td>
<td>6 ± 1.0</td>
<td>±0.4</td>
<td>0.3</td>
<td>22</td>
<td>1.15</td>
<td>1.15</td>
<td>50</td>
<td>10</td>
<td>4</td>
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<td>2025-6003-16</td>
<td>1</td>
<td>2.0-8.4</td>
<td>6 ± 1.0</td>
<td>±0.3</td>
<td>0.4</td>
<td>18</td>
<td>1.25</td>
<td>1.25</td>
<td>50</td>
<td>10</td>
<td>4</td>
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<td>2025-6004-20</td>
<td>1</td>
<td>2.0-12.4</td>
<td>6 ± 1.0</td>
<td>±0.3</td>
<td>0.3</td>
<td>20</td>
<td>1.25</td>
<td>1.25</td>
<td>50</td>
<td>10</td>
<td>4</td>
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</table>

Mechanical Specifications

<table>
<thead>
<tr>
<th>Case Style</th>
<th>A Inch (mm)</th>
<th>B Inch (mm)</th>
<th>C Inch (mm)</th>
<th>D Inch (mm)</th>
<th>E Inch (mm)</th>
<th>F Inch (mm)</th>
<th>G Inch (mm)</th>
<th>H Inch (mm)</th>
<th>Weight oz</th>
<th>Weight g</th>
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<tbody>
<tr>
<td>1</td>
<td>4.92 (125)</td>
<td>3.5 (89)</td>
<td>4.42 (112)</td>
<td>0.60 (15.2)</td>
<td>0.27 (6.73)</td>
<td>0.71 (18.1)</td>
<td>0.143 (3.63)</td>
<td>0.25 (6.4)</td>
<td>2.10</td>
<td>58.8</td>
</tr>
<tr>
<td>2</td>
<td>2.66 (67.6)</td>
<td>1.48 (37.6)</td>
<td>2.22 (56.4)</td>
<td>0.60 (15.2)</td>
<td>0.27 (6.73)</td>
<td>0.59 (15)</td>
<td>0.143 (3.63)</td>
<td>0.22 (5.59)</td>
<td>1.26</td>
<td>35.3</td>
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<tr>
<td>3</td>
<td>1.99 (50.5)</td>
<td>0.88 (22.2)</td>
<td>1.44 (36.6)</td>
<td>0.63 (15.9)</td>
<td>0.28 (7.11)</td>
<td>0.56 (14.2)</td>
<td>0.143 (3.63)</td>
<td>0.28 (7.06)</td>
<td>1.05</td>
<td>29.4</td>
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<tr>
<td>4</td>
<td>1.21 (30.7)</td>
<td>0.38 (9.7)</td>
<td>0.69 (17.6)</td>
<td>0.60 (15.2)</td>
<td>0.22 (5.56)</td>
<td>0.42 (10.6)</td>
<td>0.104 (2.64)</td>
<td>0.26 (6.55)</td>
<td>0.74</td>
<td>20.7</td>
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<tr>
<td>5</td>
<td>1.16 (29.5)</td>
<td>0.50 (12.7)</td>
<td>0.65 (16.5)</td>
<td>0.57 (14.4)</td>
<td>0.25 (6.35)</td>
<td>0.33 (8.33)</td>
<td>0.104 (2.64)</td>
<td>0.25 (6.45)</td>
<td>0.69</td>
<td>19.3</td>
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NOTE: All dimensions are ±.025, except mounting hole diameters (± .005) and mounting hole location (± .010).

Outline Drawing

Rev. V2

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Directional Couplers, Multi-Octave

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