TRM Microwaves’ High Power product line includes directional couplers, power combiners and dividers, quadrature hybrids, switches and multi-function assemblies designed and built to your specific requirements. All of our products are engineered to achieve optimal electrical performance, meet size and weight requirements and are highly customizable.

We routinely modify existing designs from our catalog of parts to accommodate unique, stringent military and commercial requirements for Combat Radar Systems, Military Radio Communications, Weather Radar, RF Jamming and Countermeasures, Aviation Communications and Medical Imaging and Radiology.

**Broadband Couplers**
- Connectorized & Surface Mount
- 10 KHz to 8 GHz
- 6 to 60 dB
- Power levels to 100 KW

**Narrow Band Couplers**
- Connectorized & Surface Mount
- 10 KHz to 8 GHz
- 6 to 60 dB
- Power levels to 100 KW

**Custom 3dB Quadrature Hybrids**
- 1.5 MHz to 8 GHz
- Power levels to 5 KW

**N-Way Combiners & Dividers**
- 10 KHz to 2.5 GHz
- 2 to 64-Way
- Power levels to 5 KW

**0-180° Hybrids**
- 500 KHz to 2.5 GHz
- Power levels to 5 KW

**Drop-In Combiners & Dividers**
- 10 KHz to 2.5 GHz
- Power levels to 12 KW

**Quadrature Combiners & Dividers**
- 1.5 MHz to 2.5 GHz
- Power levels to 5 KW

**Harmonic Filters**
- Narrow & Broadband
- 16 KW Peak, 3 KW Average
## Featured High Power Combiners

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Split</th>
<th>Frequency MHz</th>
<th>Average W</th>
<th>Peak W</th>
<th>Isolation dB</th>
</tr>
</thead>
<tbody>
<tr>
<td>7012606</td>
<td>2-Way</td>
<td>225-250</td>
<td>200</td>
<td>1000</td>
<td>30</td>
</tr>
<tr>
<td>7012611</td>
<td>4-Way</td>
<td>1.6-30</td>
<td>5000</td>
<td>10000</td>
<td>20</td>
</tr>
<tr>
<td>7012614</td>
<td>4-Way</td>
<td>2-30</td>
<td>4000</td>
<td>20000</td>
<td>30</td>
</tr>
<tr>
<td>7012616</td>
<td>4-Way</td>
<td>203-258</td>
<td>150</td>
<td>600</td>
<td>30</td>
</tr>
<tr>
<td>7012619</td>
<td>6-Way</td>
<td>1.5-30</td>
<td>6000</td>
<td>12000</td>
<td>20</td>
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</table>

## Featured High Power Dividers

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Split</th>
<th>Frequency MHz</th>
<th>Average W</th>
<th>Peak W</th>
<th>Isolation dB</th>
</tr>
</thead>
<tbody>
<tr>
<td>7013408</td>
<td>4-Way</td>
<td>448-450</td>
<td>2400</td>
<td>12000</td>
<td>20</td>
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<tr>
<td>7013416</td>
<td>64-Way</td>
<td>447.5-450.5</td>
<td>600</td>
<td>3000</td>
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## Featured High Power Dual Directional Couplers

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Frequency (MHz)</th>
<th>Power (Avg Watts)</th>
<th>Nominal Coupling (dB)</th>
<th>Coupling Flatness (± dB, Max)</th>
<th>Insertion Loss (dB, Max)</th>
<th>VSWR Main Line (Max)</th>
<th>Directivity (dB, Min)</th>
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<tbody>
<tr>
<td>DDH 4020100</td>
<td>20-100</td>
<td>25</td>
<td>20/40</td>
<td>0.5</td>
<td>0.2</td>
<td>1.15:1</td>
<td>20</td>
</tr>
<tr>
<td>DDH 4530512</td>
<td>30-512</td>
<td>500</td>
<td>50</td>
<td>0.5</td>
<td>0.1</td>
<td>1.15:1</td>
<td>20</td>
</tr>
<tr>
<td>DDH 40100512</td>
<td>100-512</td>
<td>150</td>
<td>20/40</td>
<td>0.5</td>
<td>0.2</td>
<td>1.15:1</td>
<td>20</td>
</tr>
<tr>
<td>DDH 40225570</td>
<td>225-570</td>
<td>50</td>
<td>20/40</td>
<td>0.5</td>
<td>0.2</td>
<td>1.15:1</td>
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<tr>
<td>DDH 50041</td>
<td>400-1000</td>
<td>1000</td>
<td>50</td>
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<td>0.1</td>
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<tr>
<td>DDH 4016</td>
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<td>DDH 40076</td>
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<td>0.2</td>
<td>1.5:1</td>
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## Featured High Power Hybrids

<table>
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<tr>
<th>Part Number</th>
<th>Quad Combiner</th>
<th>Freq MHz</th>
<th>Average W</th>
<th>Peak W</th>
<th>Isolation dB</th>
</tr>
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<tbody>
<tr>
<td>7017201</td>
<td>2-Way</td>
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<td>100</td>
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<td>7017203</td>
<td>2-Way</td>
<td>118-174</td>
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<td>1000</td>
<td>20</td>
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<td>Part Number</td>
<td>Quad Divider</td>
<td>Freq MHz</td>
<td>Average W</td>
<td>Peak W</td>
<td>Isolation dB</td>
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<tr>
<td>7017301</td>
<td>2-Way</td>
<td>118-174</td>
<td>50</td>
<td>200</td>
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</tr>
</tbody>
</table>

## About TRM Microwave
TRM is a global leader in the design and manufacture of RF and microwave components, integrated assemblies and subsystems for defense, aerospace and commercial applications.

Founded in 1970, TRM Microwave is located in Bedford, NH and its products are promoted through a dedicated, experienced and knowledgeable team of Key Account Managers and independent field sales representatives throughout the US and international markets.

Our engineering team is looking forward to working with you on your next high power project. Call us today!

## CONTACT INFORMATION
TRM Microwave
280 South River Road
Bedford, NH 03110, USA
Phone: 603.627.6000
Fax: 603.627.6025
Web: trmmicrowave.com
Email: info@trmmicrowave.com

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