

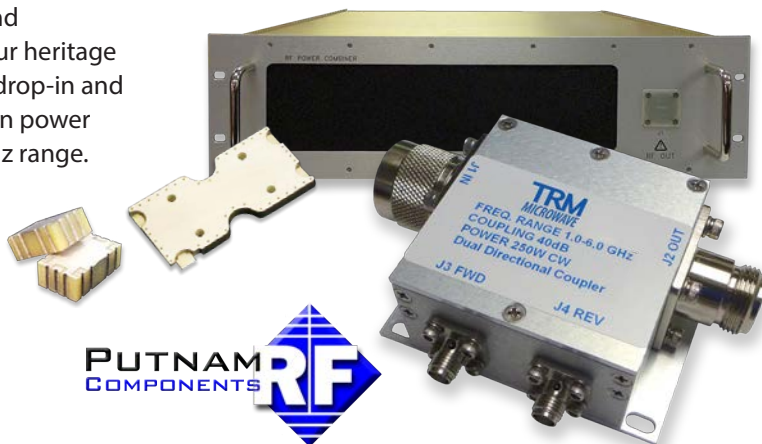
High Power Directional Couplers*

TRM's dual, uni and bi-directional high power couplers are designed and manufactured for use in military, medical and testing environments. Our heritage line of broadband and narrow band couplers includes surface mount, drop-in and connectorized models available in frequencies from 1.5 MHz to 6 GHz in power levels up to 100 KW. Our custom capabilities cover the 10 KHz to 10 GHz range.

Features:

- Wide bandwidth
- Exceptional coupling flatness
- Low insertion loss
- Low VSWR
- Choice of connectors

*Formerly Putnam RF Components - Now TRM's High Power Line.



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 markets. Utilizing the best combination of core technologies including ferrite, coaxial, microstrip, stripline and Airstrip™, TRM offers a full line of passive devices including power dividers, directional couplers, hybrids, beamformers, baluns, switched combiners, image reject mixers, phase comparators and space qualified components. TRM's base of heritage products provides the building blocks required to supply higher level integrated assemblies.

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

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Southwest Research Institute
Teledyne
ViaSat



Since 1970



TRM is ISO 9001:2008 certified and is an ITAR registered facility.

Featured High Power Directional Couplers* - Use any standard model as a starting point to build a custom design.

Part Number	Frequency (MHz)	Power (Avg Watts)	Nominal Coupling (dB)	Coupling Flatness (± dB, Max)	Insertion Loss (dB, Max)	VSWR Main Line (Max)	Directivity (dB, Min)	Coupler Type
1583-C30	1.5-32	100	30	0.5	0.1	1.10:1	25	BDC
1277-C40	1.5-32	2500	40	0.5	0.05	1.10:1	30	DDC
1624-C60	1.5-32	14000	60	0.5	0.05	1.05:1	30	DDC
1908-C40	2-30	500	40	0.25	0.15	1.30:1	25	DDC
1619-C60	2-30	10000	60	0.5	0.05	1.05:1	30	DDC
1159-C40	2-32	1000	40	0.2	0.1	1.15:1	30	DDC
1135-C30	10-100	250	30	0.3	0.2	1.20:1	20	DDC
1137-C40	10-100	1000	40	0.5	0.2	1.20:1	20	DDC
2084-C40	13-14	20000	40	0.25	0.05	1.05:1	30	DDC
DDH 4020100	20-100	25	20/40	0.5	0.2	1.15:1	20	DDC
2011-C50	20-1000	200	50	0.5	0.4	1.20:1	20	DDC
1366-C60	20-100	4000	60	0.1	0.05	1.05:1	25	DDC
1935-C4020	25-400	200	20/40	1	0.4	1.30:1	18	DDC
1621-C50	25-400	500	50	0.5	0.1	1.07:1	20	DDC
1934-C4020	25-1000	8	20/40	1	0.8	1.50:1	18	DDC
1452-C1430	30-90	100	14/30	0.3	0.3	1.20:1	20	DDC
DDH 4530512	30-512	500	50	0.5	0.1	1.15:1	20	DDC
2106-C40	80-1000	200	40	0.5	0.35	1.20:1	20	DDC
2157-C30	100-400	100	30	0.5	0.25	1.20:1	20	DDC
1136-C30	100-500	250	30	0.5	0.25	1.20:1	20	DDC
1138-C40	100-500	1000	40	0.5	0.2	1.20:1	20	DDC
1370-C45	100-500	1500	45	0.25	0.1	1.10:1	26	DDC
DDH 40100512	100-512	150	20/40	0.5	0.2	1.15:1	20	DDC
1080-C40	100-1000	160	40	0.25	0.2	1.20:1	20	DDC
1927-C40	100-1000	150	40	0.5	0.25	1.20:1	27	DDC
1777-C3006	140-460	100	6/30	0.5	0.3	1.20:1	20	DDC
1793-C10	150-174	50	10	0.3	0.7	1.30:1	20	UDC
2081-C20	150-174	150	20	0.5	0.2	1.15:1	25	DDC
1564-C40	150-174	300	40	0.1	0.2	1.15:1	30	UDC
1819-C8	150-175	100	7.5	0.5	1.3	1.20:1	25	UDC
1165-C9	225-400	100	9	1	1.5	1.30:1	20	UDC
1840-C30	225-400	200	30	0.5	0.2	1.15:1	25	DDC
1835-C1430	225-450	100	14/30	1	0.5	1.20:1	25	DDC
DDH 40225570	225-570	50	20/40	0.5	0.2	1.15:1	20	DDC
2134-C30	270-320	125	30	0.75	0.3	1.20:1	20	DDC
1579-C50	400-500	1000	50	0.5	0.1	1.10:1	26	DDC
1683-C20	400-1000	250	20	0.5	0.3	1.20:1	20	DDC
DDH 50041	400-1000	1000	50	0.3	0.1	1.15:1	20	DDC
2234-C40	1000-2500	150	40	0.3	0.2	1.15:1	20	DDC
DDH 4016	1000-6000	250	40	0.5	0.2	1.5:1	18	DDC
DDH 40016	700-6000	250	40	0.5	0.2	1.5:1	18	DDC

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