



KRYTAR

United States · founded 1975 · krytar.com

13

PRODUCTS

10

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as of 20 August 2026

KRYTAR

KRYTAR, Inc. designs and manufactures ultra-broadband microwave components and test equipment. The company specializes in Ultra Broadband mmWave, Microwave, and RF components and test equipment for both commercial and military applications. Its product lines include directional couplers, directional detectors, 3 dB hybrids, MLDD power dividers/combiners, detectors, terminations, coaxial adapters, and power meters, covering a frequency range from DC to 110.0 GHz. KRYTAR's products are used in commercial and military applications. The company is headquartered in Sunnyvale, California, where it also manufactures its products in a facility equipped with a machine shop and electronic test equipment. KRYTAR was founded in 1975 by Thomas J. Russell. The company's Quality Assurance Program adheres to MIL-I-45208, including a calibration system per MIL-STD-45662. Notable product introductions include the first Hybrid Coupler in 1975, MLDD Power Dividers in 1993, 67 GHz Directional Couplers in 2007, and 10 to 110 GHz Directional Couplers in 2019.

This profile is generated from the live NewSpace Market catalogue. Specifications are as published by the manufacturer; every product links to a page where a request for quotation reaches the company directly.

Product catalogue



KRYTAR

3 dB, 90-Degree Hybrid Coupler, Model 1831

The KRYTAR Model 1831 is a 3 dB, 90-degree hybrid coupler offering versatile signal splitting and combining from 1.0 to 18.0 GHz, suitable for various commercial and military appli

Frequency Range	1.0 to 18.0 GHz
Coupling	3 dB
Amplitude Imbalance	±0.5 dB
Phase Imbalance	±10 degrees
Isolation	>17 dB
Maximum VSWR	1.35
Insertion Loss	<2.0 dB

[price on request](#) [datasheet](#)



KRYTAR

KRYTAR 4x4 Butler Matrix Model KBM9010180

The KRYTAR 4x4 Butler Matrix Model KBM9010180 is a high-performance beamforming network operating from 1.0 to 18.0 GHz, designed to control the direction of radio transmission beam

Frequency Range	1.0 to 18.0 GHz
Maximum Amplitude Imbalance	±1.0 dB
Maximum Phase Imbalance	±18 degrees
Insertion Loss	< 12 dB
Maximum Input and Output VSWR	1.7:1 dB
Isolation	14 dB
Average Power	20 watts

[price on request](#) [datasheet](#)



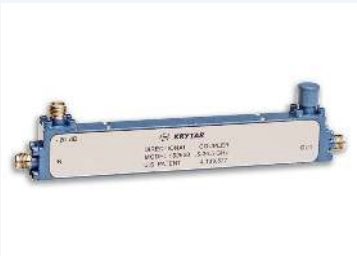
KRYTAR

KRYTAR MLDD 2-Way Power Divider Model 6010180

A broadband matched-line directional divider (MLDD) splitting an input RF signal into two outputs over 1.0 to 18.0 GHz, in a compact lightweight package.

Frequency Range	1.0 to 18.0 GHz (L thru Ku-Bands)
Isolation	>19 dB
Maximum Amplitude Tracking	±0.3 dB
Maximum Phase Tracking	±6 degrees
Insertion Loss	<1.2 dB
Maximum VSWR	1.45
Input Power Rating	10 watts with 2:1 load VSWRs

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KRYTAR

Model 152620 Directional Coupler

The KRYTAR Model 152620 is a compact and lightweight wideband directional coupler designed for systems applications requiring external leveling, precise monitoring, signal mixing,

Nominal Coupling (with respect to output)	20 dB, ±1.0 dB
Frequency Sensitivity	±1.5
Insertion Loss (including coupled power)	less than 1.35 dB
Directivity	greater than 13 dB
Maximum VSWR (any port)	1.45
Input Power Rating (average)	20 W
Input Power Rating (peak)	3 kW

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KRYTAR

Space Qualified 180° Hybrid Coupler

3dB 180-degree hybrid coupler for space applications — model 4010265-SQ, 1.0-26.5 GHz, SMA female connectors.

Model	4010265-SQ
Frequency range	1.0-26.5 GHz
Coupling	3 dB
Connectors	SMA female

[price on request](#)



KRYTAR

Space Qualified 2-Way Power Divider

Ultra-broadband matched-line 2-way power divider family covering 0.5-45 GHz, available space-qualified.

Configuration	2-way matched-line directional divider (MLDD)
Frequency	Model dependent: 0.5-26.5 GHz, 1-40 GHz, 2-20 GHz, 3-45 GHz and others
Isolation	14-19 dB (band dependent)
Insertion loss	1.1-2.5 dB (band dependent)
Amplitude tracking	+/-0.3 to +/-0.7 dB
Maximum VSWR	1.45-2.8 (band dependent)
Qualification	Space-qualified screening available

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KRYTAR

Space Qualified 2-Way Power Divider, Model 6005265-SQ

The KRYTAR Model 6005265-SQ is a space-qualified 2-way matched-line directional power divider offering high performance over an ultra-broadband frequency range of 0.5 to 26.5 GHz i

Frequency Range	0.5 to 26.5 GHz
Isolation	>19 dB
Maximum Amplitude Tracking	±0.5 dB
Maximum Phase Tracking	±10 degrees
Insertion Loss	1.9 dB
VSWR (0.5-18 GHz)	1.45
VSWR (18-26.5 GHz)	1.60

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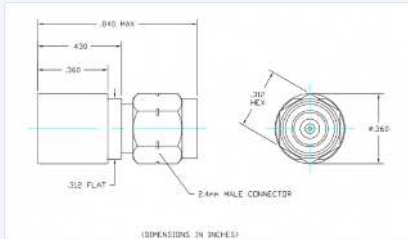
KRYTAR

Space Qualified Coaxial Termination

Rugged mechanical-design coaxial terminations rated for space use — models spanning DC to 40 GHz, low VSWR, 3.5mm connectors.

Model T1M-SQ	DC-20.0 GHz, 1.05 max VSWR, 3.5mm male
Model T2M-SQ	To 26.5 GHz
Model T3M-SQ	To 40.0 GHz

[price on request](#)



KRYTAR

Space Qualified Coaxial Termination T3M-SQ

The KRYTAR Model T3M-SQ is a rugged, 50 Ohm space-qualified coaxial termination designed for ultra-broadband microwave components and test equipment, offering exceptional frequency

Frequency Versatility	DC to 40.0 GHz
Maximum VSWR (DC-8 GHz)	1.06
Maximum VSWR (8-26.5 GHz)	1.15
Maximum VSWR (26.5-40 GHz)	1.20
Maximum Power Rating	0.5 Watts
Impedance	50 ±1 Ohms
Connector Type	2.4 mm Male

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KRYTAR

Space Qualified Directional Coupler 101040010-SQ

The KRYTAR Model 101040010-SQ is a space-qualified, ultra-broadband directional coupler operating from 1.0 to 40.0 GHz, designed for systems requiring external leveling, precise mo

Frequency Range	1.0 to 40.0 GHz
Nominal Coupling (with respect to output)	10 dB, ±1.0 dB
Frequency Sensitivity	±1.52 dB
Insertion Loss (including coupled power) (1-20 GHz)	< 1.3 dB
Insertion Loss (including coupled power) (20-40 GHz)	< 1.7 dB
Directivity (1-20 GHz)	> 14 dB
Directivity (20-40 GHz)	> 10 dB

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KRYTAR

Space Qualified Directional Couplers

Ultra-broadband directional couplers qualified for space and thermal-vacuum environments — models spanning 1.0-40.0 GHz with SMA, 2.4mm, or K connectors, flight heritage proven.

Model 102008616-SQ	2.0-8.6 GHz, 16 dB coupling, SMA female
Model 101040010-SQ	1.0-40.0 GHz, 10 dB coupling, 2.4mm female
Model 101040010K-SQ	1.0-40.0 GHz, 10 dB coupling, K female
Qualification	Space-qualified, thermal-vacuum tested

[price on request](#)



KRYTAR

Space-Qualified 180 Degree Hybrid Coupler, Model 4010265-SQ

The KRYTAR Model 4010265-SQ is a space-qualified 180-degree hybrid coupler offering ultra-broadband performance from 1.0 to 26.5 GHz, designed for various space and military applic

Frequency Range	1.0 to 26.5 GHz
Coupling	3 dB
Amplitude Imbalance (1-20 GHz)	±1.0 dB
Amplitude Imbalance (20-26.5 GHz)	±1.5 dB
Phase Imbalance	±16-degrees
Isolation	>15 dB
Maximum VSWR (1-20 GHz)	1.80

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KRYTAR

Zero Bias Schottky Detectors 203A

The KRYTAR 203 Series Zero Bias Schottky Detectors are inline coaxial barrel connector packages designed for high-performance microwave instrumentation and systems, offering broad

Minimum Frequency	10 MHz
Maximum Frequency	40 GHz
Frequency Response	±0.5 dB to 20 GHz
Frequency Response	±0.8 dB to 26.5 GHz
Frequency Response	±1.5 dB to 40 GHz
Maximum VSWR	1.35 to 20 GHz
Maximum VSWR	1.50 to 26.5 GHz

price on request

datasheet

Contact KRYTAR

Open the company profile on NewSpace Market to see full specifications and datasheets, and to send a request for quotation that reaches the manufacturer directly.

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<https://www.krytar.com>