

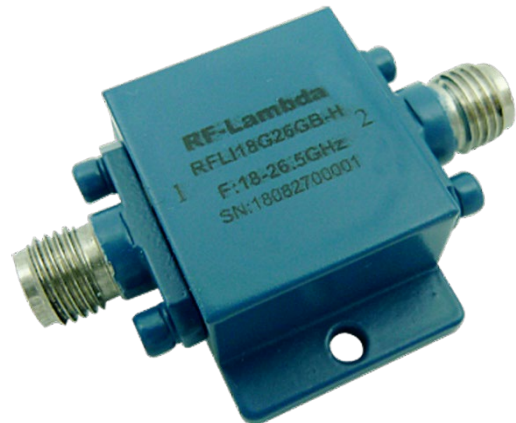
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RF-LAMBDA

THE LEADER OF RF BROADBAND SOLUTIONS

NEW PRODUCT RELEASES OCTOBER 2018

New Product Announcement 18~26GHz Hermetically Sealed Wide Band Coaxial Isolator



RFL18G26GB-H

GENERAL SPECIFICATIONS

Functional Bandwidth Frequency: 18~26GHz

Sealing: Laser Welded Hermetically Sealed

Average Power Handling: Up To 10W

Insertion Loss as low as 1.60dB

Input/Output Connectors: 2.92mm- Female

Isolation: 14/15dB Typical

Reverse Power: 1W

MIL-STD-883 For Hermetically Sealed Units

Operational Temperature between -40 to +80°C

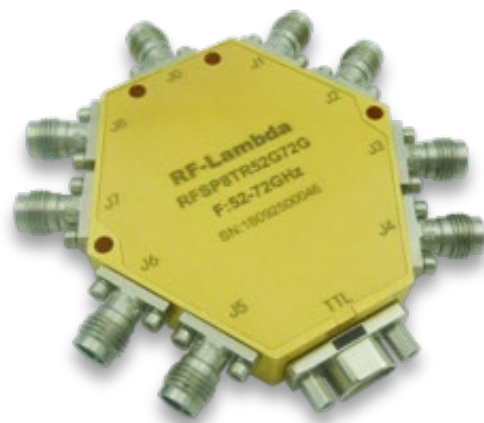
Altitude: 60,000 ft. 1.0psi min(Hermetically Sealed Uncontrolled environment)

Ideal for aerospace and military, wireless infrastructure & test and measurement applications.

New Product Announcement

52~72GHz Reflective Coaxial SP8T Switch

Recommended For
5G Applications



RFSP8TR52G72G

GENERAL SPECIFICATIONS

Functional Bandwidth Frequency: 52~72GHz

Optional Sealing: Laser Welded Hermetically Sealed

Average Power Handling: Up To 23dBm Typical

Insertion Loss as low as 11dB

Input/Output Connectors: Micro-D9 (Female)

Isolation: 35dB Typical

MIL-STD-883 For Hermetically Sealed Units

Operational Temperature between -40 to +80°C

Altitude: 60,000 ft. 1.0psi min(Hermetically Sealed Uncontrolled environment)

Ideal for aerospace and military, wireless infrastructure & test and measurement applications.

Introducing Wide Band Solid State Power Amplifiers

New Product Is Here! 300W 6~18GHz Solid State Amplifier



RFLUPA0618GG

RF- Lambda announces a new high power wideband solid state power amplifier that is

currently in production and will be ready in the third quarter of 2018. This amplifier is first of its class with 300W of power and a frequency band that covers 6-18GHz. The unit comes equipped with multiple protection features such as input over drive, over current, and over temperature shutdown making it ideal for EMC, Vsat, test and radar applications.

GENERAL SPECIFICATIONS

Functional Bandwidth Frequency: 6~18GHz

Average Power Handling: Up To 300W

Gain: Up To 35dB

Gain Flatness: ± 5 dB Typical

Input Return Loss: 30dB/25dB Typical

Output Return Loss: 35dB/30dB

Wideband Solid State Power Amplifier

Operational Temperature between -45 to +85°C

Altitude (Optional): 60,000 ft. 1.0psi min(Hermetically Sealed Uncontrolled environment)

Ideal for ultra wide band aerospace and military, wireless infrastructure & test and measurement applications.

75W Wide Band Power Amplifier 12GHz~17GHz



RFLUPA12G17GD

GENERAL SPECIFICATIONS

Functional Bandwidth Frequency: 12~17GHz

Average Power Handling: Up To 75W
Gain: Up To 55dB
Gain Flatness: ± 7 dB Typical

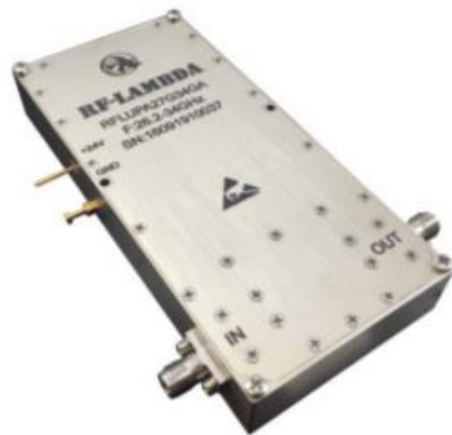
Input Return Loss: 13dB / 20dB Typical
Output Return Loss: 6dB / 8dB Typical
Psat: +35dBm Typical

Wideband Solid State Power Amplifier

Operational Temperature between -45 to +85°C

Altitude (Optional): 60,000 ft. 1.0psi min(Hermetically Sealed Uncontrolled environment)
Ideal for ultra wide band aerospace and military, wireless infrastructure & test and measurement applications.

10W Ultra Wide Band Power Amplifier 16~21GHz



RFLUPA16G21G01BBK **GENERAL SPECIFICATIONS**

Functional Bandwidth Frequency: 16~21GHz

Average Power Handling: Up To 10W
Gain: Up To 46dB

Input Return Loss: -10dB / 8dB Typical
Output Return Loss: -10dB / -6dB Typical
Psat: 52dBm Typical

Wideband Solid State Power Amplifier

Operational Temperature between -45 to +85°C

Altitude (Optional): 60,000 ft. 1.0psi min(Hermetically Sealed Uncontrolled environment)
Ideal for ultra wide band aerospace and military, wireless infrastructure & test and measurement applications.

1W Ultra Wide Band Power Amplifier 18~47GHz

**IN STOCK
NOW**



RFLUPA18G47GCK

GENERAL SPECIFICATIONS

Functional Bandwidth Frequency: 18~2147GHz

Average Power Handling: Up To 1W

Gain: Up To 37dB

Input Return Loss: 9dB / 8dB Typical

Output Return Loss: 10dB Typical

Psat: 45dBm Typical

Wideband Solid State Power Amplifier

Operational Temperature between -45 to +85°C

MIL-STD-883 For Hermetically Sealed Units

Altitude (Optional): 60,000 ft. 1.0psi min(Hermetically Sealed Uncontrolled environment)
Ideal for ultra wide band aerospace and military, wireless infrastructure & test and measurement applications.

RF-Lambda is an industry leader for broadband Solid State Power Amplifiers for Defense, Aerospace, Radar, Test and Measurement and EMC applications.



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