

Space Qualified 90° Hybrid Coupler U6121



Specifications are subject to change without notice

Electrical Specifications (+25°C)

Parameter	Value
Passband	906 to 1002 MHz
Insertion Loss	0.3 dB Maximum*
VSWR	1.25:1 maximum
Amplitude Balance	0.5 dB Peak-to-Peak
Phase Balance	90° ± 2° Isolation 20 dB Minimum
Power Handling	7 Watts CW through critical pressure to 1x10 ⁻⁸ Torr with >6 dB margin (28 watt design) Out-gassing < 0.1% CVCM and < 1% TML
Connectors	SMA Female per MIL-C-39012 Operating Temperature -65° to +85° C
Screening	Per MIL-DTL-23971C Screened in lots of 50 Group A and Group B testing per "Space Flight Application" guidelines
Package Size	0.50" x 0.66" x 1.16"

Features

Stripline Design
Space Qualified
Low Loss
Vented

Applications

Launch Vehicle
Satellite

Need More Help? Need a Variant of This Product?

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