

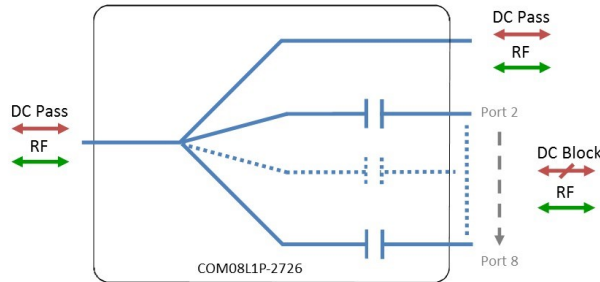


Model Number:
COM08L1P-2726

RF Components

8- Way L-Band Passive GPS Splitter/Combiner

1000-2000 MHz



- Common to port 1 DC pass
- All other ports DC block with 200Ω internal load

Available with RF connector options:

- 50 Ω N-type
- 50 Ω SMA



Compact
Housed in rugged compact enclosure



1000-2000 MHz
Operating frequency range. L-Band ready

Passive

RF Parameters		
COM08L1P-2726-XXXX	S5S5	N5N5
Frequency Range	1000-2000 MHz	
RF Connectors	50Ω SMA	50Ω N-Type
Mean Insertion Loss (dB)	0.6±0.4	0.6±0.4
Flatness ± (dB)	0.5	0.5
Input Return Loss (dB)	Typ.	17
	Min	14
Output Return Loss (dB)	Typ.	23
	Min	20
Isolation (dB)	Typ.	22
Amplitude Balance (dB)	≤0.5	≤0.4
Phase Balance (Φ)	≤5°	≤4°
The given Insertion Loss specified is the loss above the theoretical limit for a lossless divider		

Broadcast



Marine Oil & Gas



SNG & VSAT



Satellite Teleport



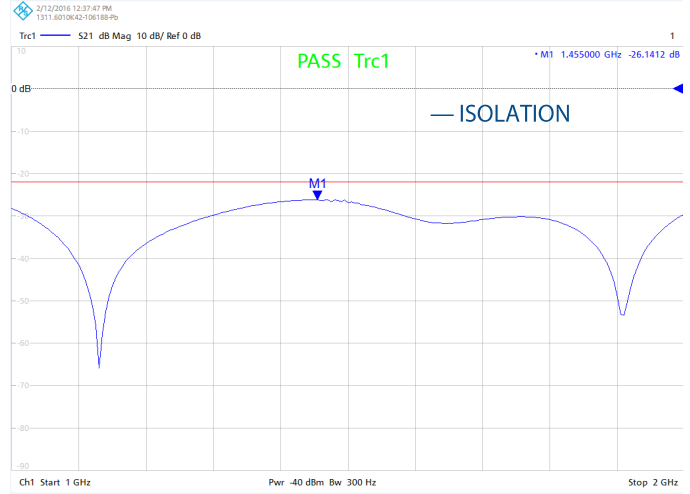
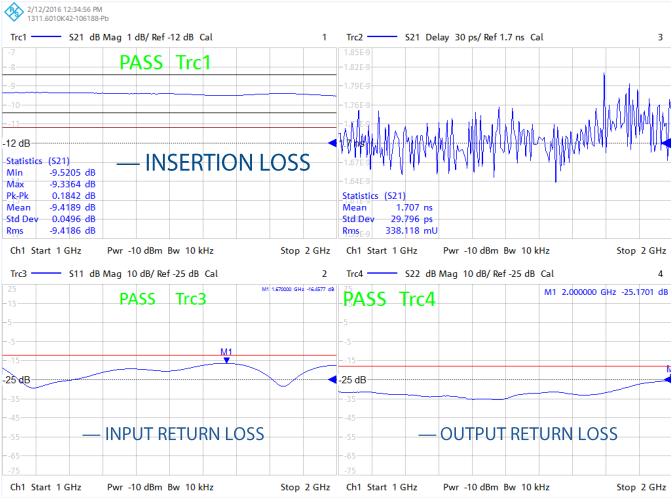


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8-Way L-Band Passive GPS Splitter/Combiner

Technical specifications and operating parameters



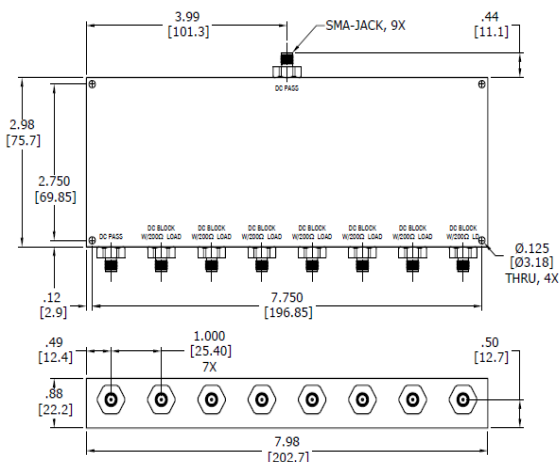
Environmental	
Operating Temperature	-65°C to +85°C
Storage Temperature	-65°C to +105°C
Location	Indoor use Only
Humidity	Max 85% non-condensing
Altitude	Max 10,000 feet

Max Operating Parameters		
Input RF Power into matched load with 20dB return loss	+43 dBm (20W) as splitter +33 dBm (2W) as combiner	
DC Voltage	Max. 10V	
DC Current	Max. 50mA	
DC Consumption	N/A	

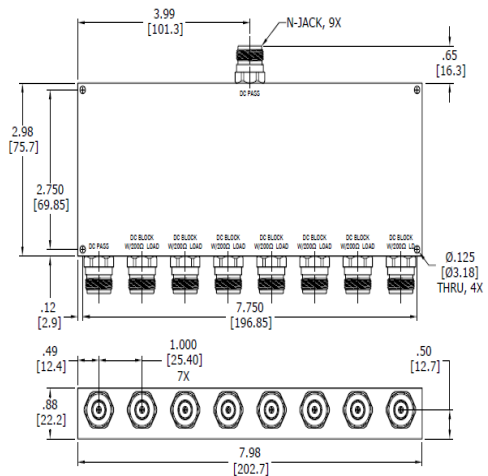
! Operation beyond these limits may cause instantaneous and permanent damage.

Physical Dimensions (mm)

50 Ω SMA Connectors



50 Ω N-Type Connectors



Note: The specification is subject to regular reviews and will be updated from time to time as part of our continuing product development and improved specification accuracy.

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