

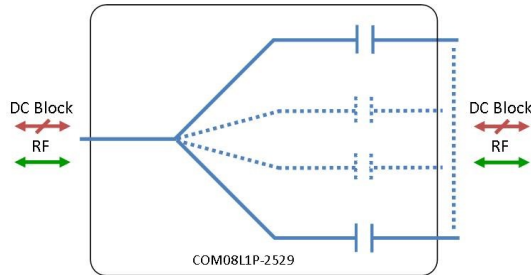


Model Number:  
**COM08L1P-2529**

RF Components

# 8-Way L-Band Passive Splitter/Combiner

**850 - 2150MHz**



- All RF ports DC blocked

Available with RF connector options:

- 50 Ω SMA
- 50 Ω N-type
- 50 Ω BNC
- 75 Ω BNC
- 75 Ω F-type.



**850-2150 MHz**  
Operating frequency range. L-Band ready



**Compact**  
Housed in rugged compact enclosure

**Flexible Mounting**  
Tapped screw & through hole mounting options

Passive

RF Parameters						
COM08L1P-2529-XXXX	S5S5	N5N5	B5B5	B7B7	F7F7	
Frequency Range	850 - 2150 MHz					
RF Connectors	50Ω SMA	50Ω N-Type	50Ω BNC	75Ω BNC	75Ω F-Type	
Mean Insertion Loss* (dB)	1.0 ± 1.0	1.0 ± 1.0	1.0 ± 1.0	1.0 ± 1.0	1.0 ± 1.0	
Flatness ± (dB)	1.0	1.0	1.0	1.0	1.0	
Return Loss (dB)	Typ.	20	18	15	12	
	Min	14	13	10	8	
Isolation (dB)	Typ.	25	23	21	18	
Amplitude Balance (dB)	Min	0.2	0.3	0.3	0.4	0.5
Phase Balance (Φ)	Typ.	1.5°	1.5°	1.5°	2.0°	2.5°

\*The given Insertion Loss specified is the loss above the theoretical limit for a lossless divider  
For an 8-way, theoretical loss is 9dB.

## Broadcast



## Marine Oil & Gas



## SNG & VSAT



## Satellite Teleport



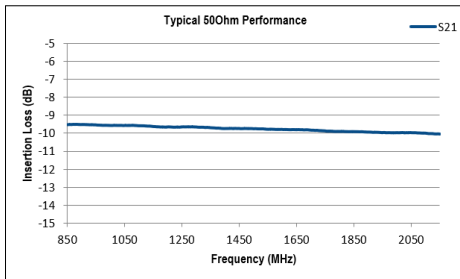


RF Components

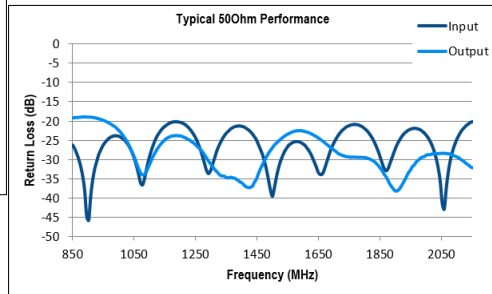
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8-Way L-Band Passive Splitter/Combiner

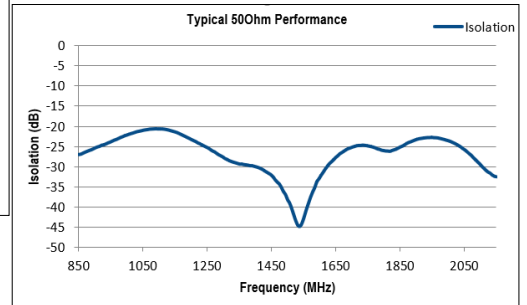
**Technical specifications and operating parameters**



Insertion Loss (dB)



Return Loss (dB)



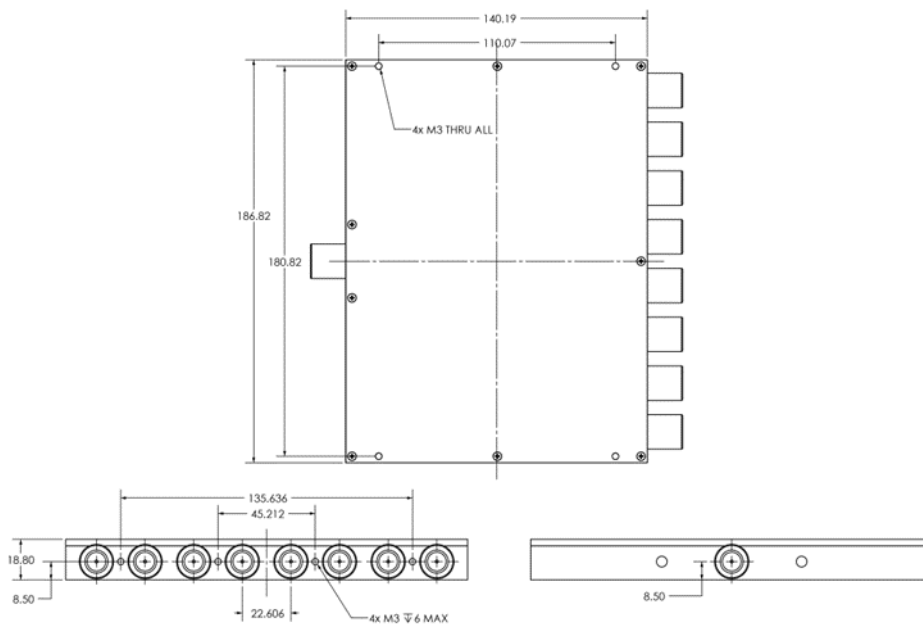
Isolation (dB)

Environmental		
Operating Temperature		0°C to +45°C
Storage Temperature		-20°C to +75°C
Location		Indoor use Only
Humidity	Max.	85% non-condensing
Altitude	Max.	10,000 feet

Max Operating Parameters	
Input RF Power	+37 dBm (5W)
DC Voltage	50V on any RF port

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

**Physical Dimensions (mm)**



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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