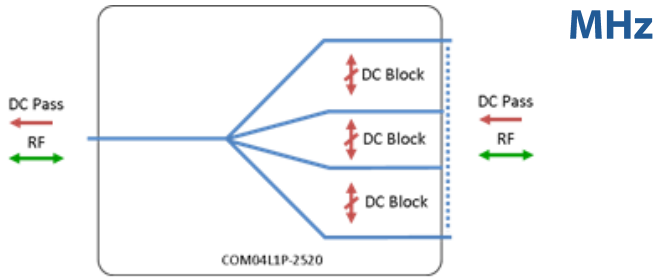




RF Components

# 4-Way L-Band Passive Splitter/Combiner 850 - 2150

Model Number:  
**COM04L1P-2520**



- DC pass between common port & any output port
- DC blocked between outputs

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

RF Parameters						
COM04L1P-2520-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 ± 0.5	1.0 ± 0.5	1.0 ± 0.5	1.3 ± 0.5	1.3 ± 0.5	
Flatness ± (dB)	0.5	0.5	0.5	1	1	
Input Return Loss (dB)	Typ.	20	20	20	14	14
	Min	12	12	12	8	8
Output Return Loss (dB)	Typ.	22	22	22	14	14
	Min	15	15	15	8	8
Isolation (dB)	Typ	25	25	25	25	25
	Min	20	20	20	20	20
Amplitude Balance (dB)	≤0.5	≤0.5	≤0.5	≤1.0	≤1.0	
Phase Balance (Φ)	≤5°	≤5°	≤5°	≤10°	≤10°	

The given Insertion Loss specified is the loss above the theoretical limit for a lossless divider  
 10MHz Insertion Loss is up to 3dB above the theoretical loss\*  
 10MHz Rejection is 40dB\*  
 \*To ports which are applicable

## Broadcast



## Marine Oil & Gas



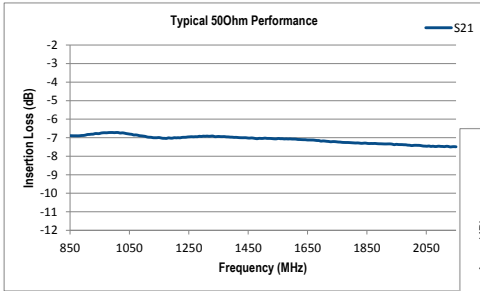
## SNG & VSAT



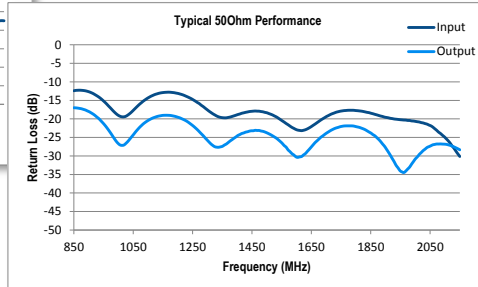
## Satellite Teleport



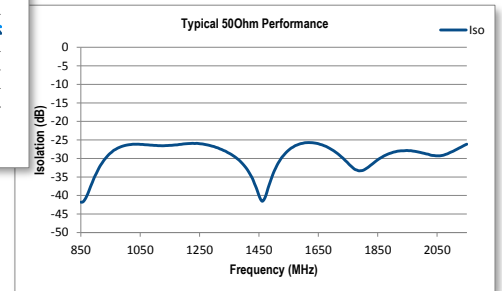
Technical specifications and operating parameters



Insertion Loss



Return Loss



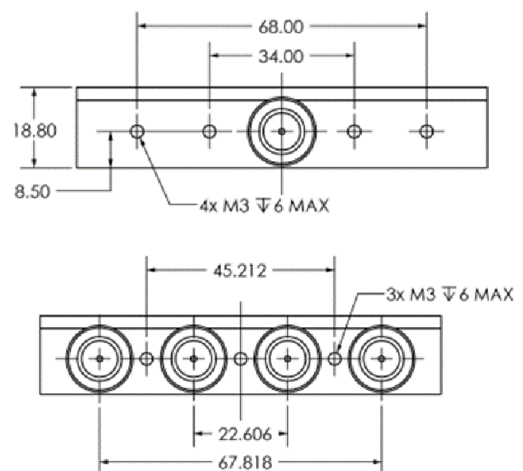
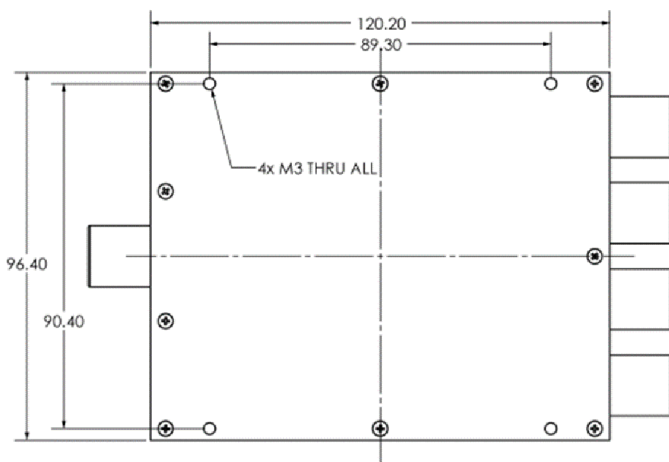
Isolation

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 into matched load with 20dB return loss	+27dBm (500mW) as combiner +37dBm (5W) as splitter
DC Voltage	35V on any RF port
DC Current	500mA
DC Consumption	N/A

**!** 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.