

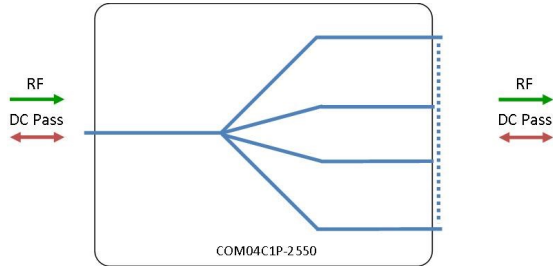


RF Components

Model Number:  
**COM04C1P-2550**

# 4-Way C-Band Passive Splitter/Combiner

**3.4 - 4.2 GHz**



- All RF ports DC pass
- Available with RF connector options:
- 50  $\Omega$  SMA
  - 50  $\Omega$  N-type



**3.4 - 4.2 GHz**  
Operating frequency range. C-Band ready



**Compact**  
Housed in rugged compact enclosure



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

Passive

RF Parameters			
COM04C1P-2550-XXXX		S5S5	N5N5
Frequency Range		3.4 - 4.2 GHz	
RF Connectors		50 $\Omega$ SMA	50 $\Omega$ N-Type
Insertion Loss (dB)	Typ.	1.2	1.6
	Max	2.0	2.5
Flatness $\pm$ (dB)		0.5	0.5
Input Return Loss (dB)	Typ.	16	15
	Min	10	10
Output Return Loss (dB)	Typ.	16	15
	Min	10	10
Isolation (dB)		Typ. 23	20
Amplitude Balance (dB)		$\leq 0.15$	$\leq 0.15$
Phase Balance ( $\Phi$ )		$\leq 2^\circ$	$\leq 2^\circ$

The given Insertion Loss specified is the loss above the theoretical limit for a lossless divider

## Broadcast



## Marine Oil & Gas



## SNG & VSAT



## Satellite Teleport



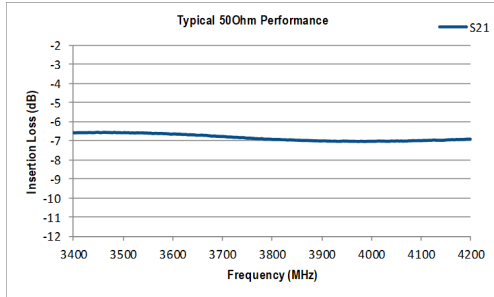


RF Components

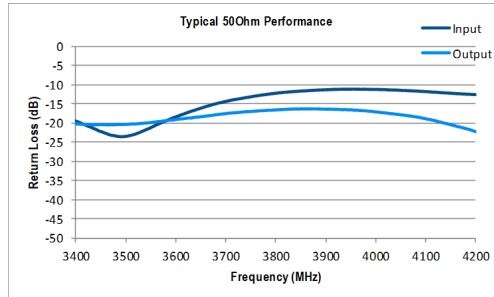
Model Number:  
**COM04C1P-2550**

4-Way C-Band Passive Splitter/Combiner

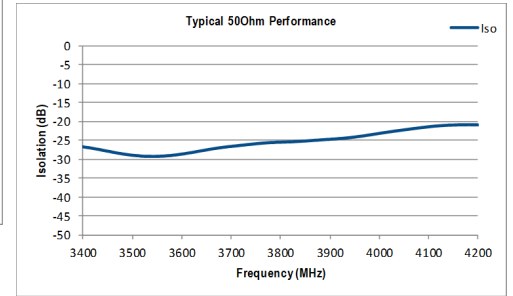
Technical specifications and operating parameters



Insertion Loss (dB)



Return Loss (dB)



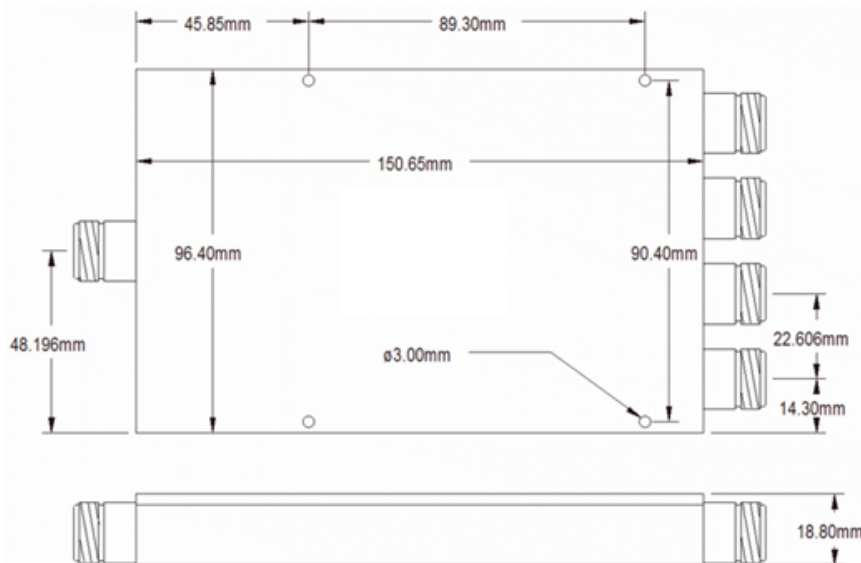
Isolation (dB)

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
DC Current	500mA 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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