



RF Components

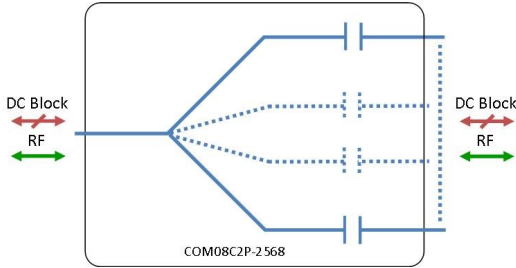
Model Number:
COM08C2P-2568

8-Way C-Band Passive Splitter/Combiner

5.8 - 6.5 GHz

Available with RF connector options:

- 50 Ω SMA
- 50 Ω N-type



5.8 - 6.5 GHz
Operating frequency range. C-Band ready



Compact
Housed in rugged compact enclosure



Flexible Mounting
Tapped screw & through hole mounting options

Passive

RF Parameters		
COM08C2P-2568-XXXX	S5S5	N5N5
Frequency Range	5.8-6.5 GHz	
RF Connectors	50Ω SMA	50Ω N-Type
Insertion Loss (dB)	Typ.	2.5
	Max.	3.5
Flatness ± (dB)	1.0	1.0
Input Return Loss (dB)	Typ.	20
	Min	10
Output Return Loss (dB)	Typ.	20
	Min	10
Isolation (dB)	Typ.	25
Amplitude Balance (dB)	0.2	0.3
Phase Balance (Φ)	1.5°	1.5°
The given Insertion Loss specified is the loss above the theoretical limit for a lossless divider		

Broadcast



Marine Oil & Gas



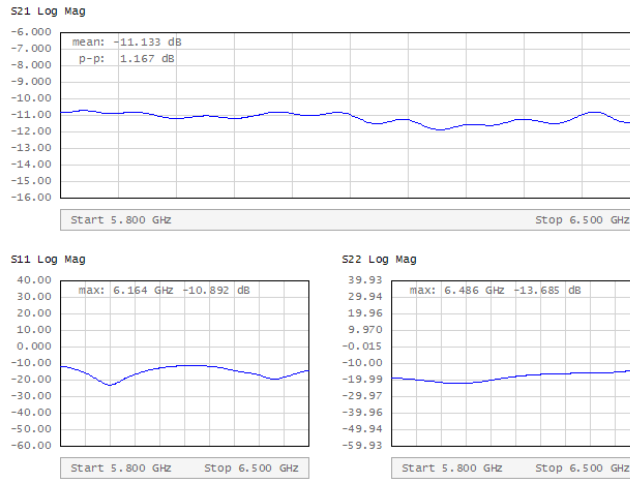
SNG & VSAT



Satellite Teleport



Technical specifications and operating parameters

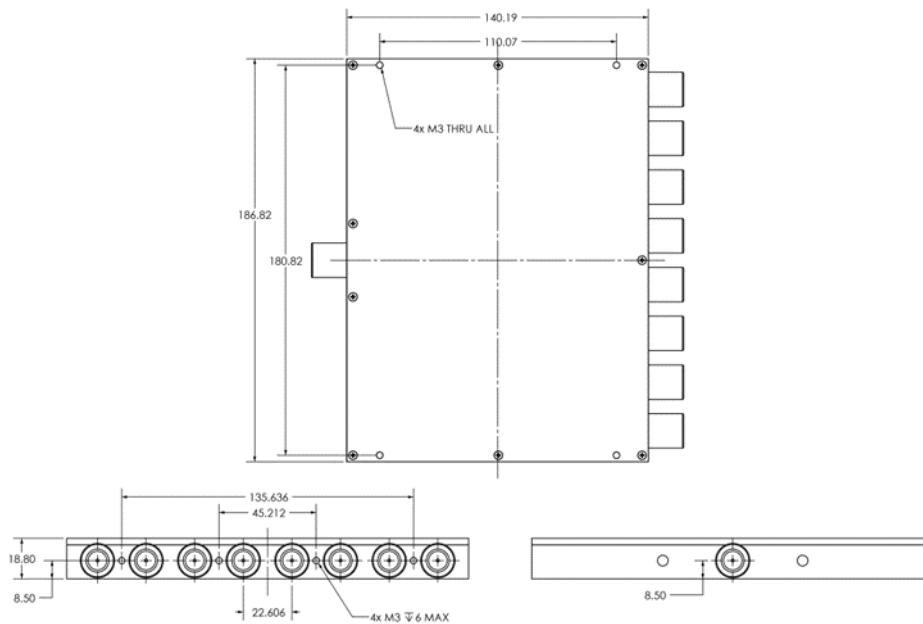


Environmental	
Operating Temperature	0°C to +45°C
Storage Temperature	-20°C to +75°C
Location	Indoor use Only
Humidity	Max. 85% non-condensing
Altitude	Max. 10,000 feet

Max Operating Parameters	
Input RF Power	+21 dBm (125mW)
DC Voltage	50V on any RF port
DC Current	500mA (3A Max. if SMA or F-type)

! 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.