

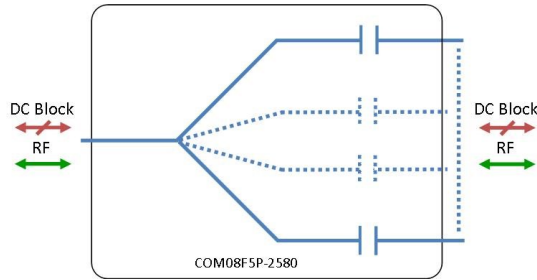


Model Number:
COM08F5P-2580

RF Components

8-Way IF-Band Passive Splitter/Combiner

10 - 200 MHz



- 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.



10 - 200 MHz
Operating frequency range. IF-Band ready



Compact
Housed in rugged compact enclosure

Flexible Mounting
Tapped screw & through hole mounting options

Passive

RF Parameters						
COM08F5P-2580-XXXX	S5S5	N5N5	B5B5	B7B7	F7F7	
Frequency Range	10 - 200 MHz					
RF Connectors	50 Ω SMA	50 Ω N-Type	50 Ω BNC	75 Ω BNC	75 Ω F-Type	
Insertion Loss (dB)	Typ.	1.5	1.5	1.6	1.8	2.0
	Max	2.1	2.1	2.4	2.8	3.0
Flatness \pm (dB)	0.5	0.5	0.5	0.5	0.5	
Input Return Loss (dB)	Typ.	20	18	15	15	12
	Min	10	10	10	10	8
Output Return Loss (dB)	Typ.	20	18	15	15	12
	Min	10	10	10	10	10
Isolation (dB)	Typ.	25	23	21	21	18
Amplitude Balance (dB)	0.5	0.5	0.5	0.5	0.5	
Phase Balance (Φ)	5 $^\circ$	5 $^\circ$	5 $^\circ$	5 $^\circ$	5 $^\circ$	
The given Insertion Loss specified is the loss above the theoretical limit for a lossless divider						

Broadcast



Marine Oil & Gas



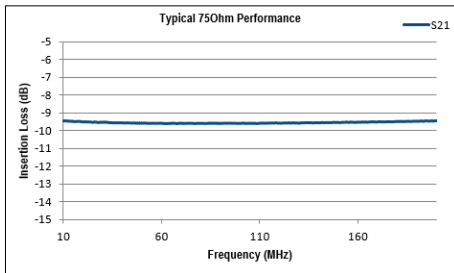
SNG & VSAT



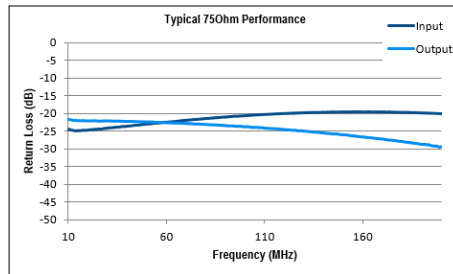
Satellite Teleport



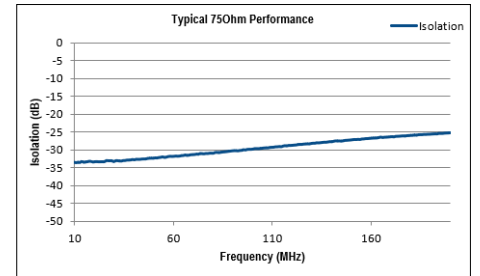
Technical specifications and operating parameters



Insertion Loss (dB)



Return Loss (dB)



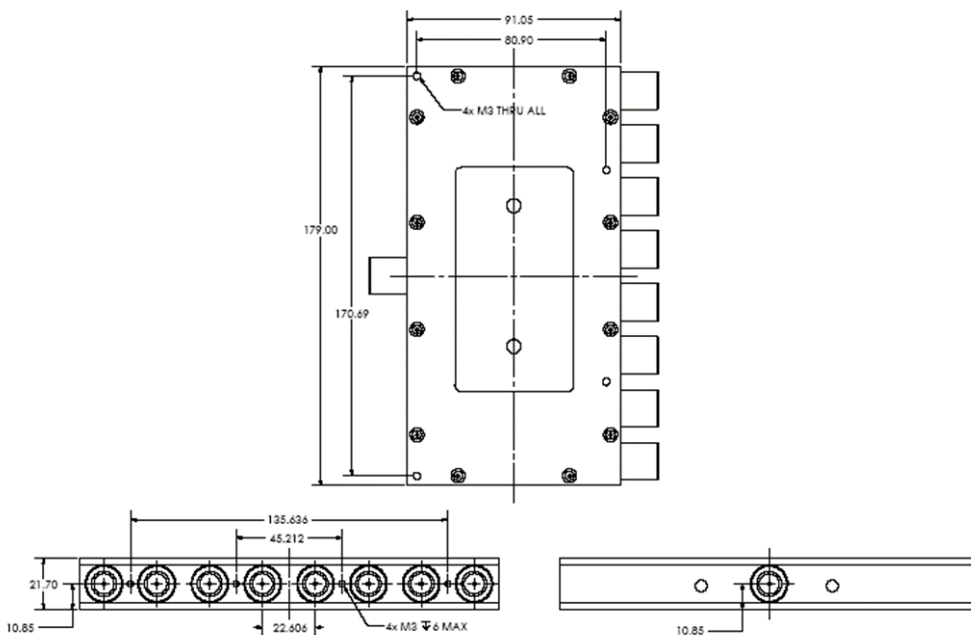
Isolation (dB)

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	+27 dBm (0.5 W)
DC Voltage	50V on any RF port
DC Current	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.