

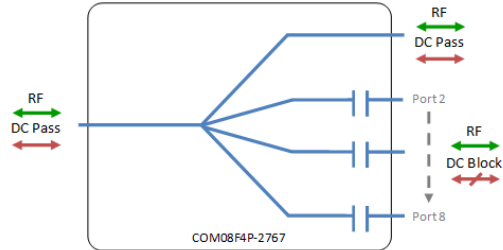


Model Number:  
**COM08F4P-2767**

RF Components

# 8-Way IF-Band Passive Splitter/Combiner

## 50-1000 MHz



- 1 port DC Pass
- All other 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



**50-1000 MHz**  
Operating frequency range. IF-Band ready



**Compact**

Housed in rugged compact enclosure



**Flexible Mounting**

Tapped screw & through hole mounting options

Passive

RF Parameters						
COM08F4P-2767-XXXX	S5S5	N5N5	B5B5	B7B7	F7F7	
Frequency Range	10 - 1000 MHz					
RF Connectors	50Ω SMA	50Ω N-Type	50Ω BNC	75Ω BNC	75Ω F-Type	
Mean Insertion Loss (dB)	2.0±0.6	2.0±0.6	2.0±0.6	2.0±0.6	2.0±0.6	
Flatness ± (dB)	1.5	1.5	1.5	1.5	1.5	
Input Return Loss (dB)	Typ.	20	20	20	15	15
	Min	10	10	10	8	8
Output Return Loss (dB)	Typ.	20	20	20	15	15
	Min	10	10	10	8	8
Isolation (dB)	Typ.	20	20	20	20	20
Amplitude Balance (dB)	1.0	1.0	1.0	1.0	1.0	
Phase Balance (Φ)	≤5°	≤5°	≤5°	≤5°	≤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**

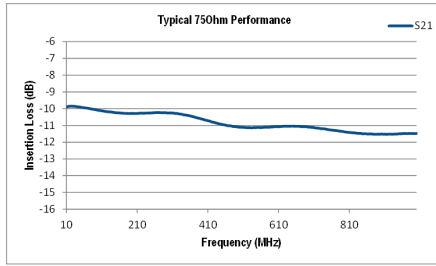




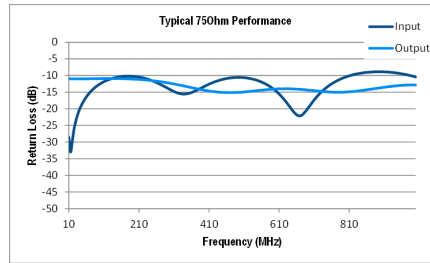
RF Components

Model Number:  
**COM08F5P-2767**

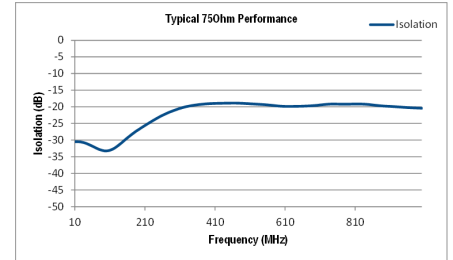
8-Way IF-Band Passive Splitter/Combiner



Insertion Loss (dB)



Return Loss (dB)



Isolation (dB)

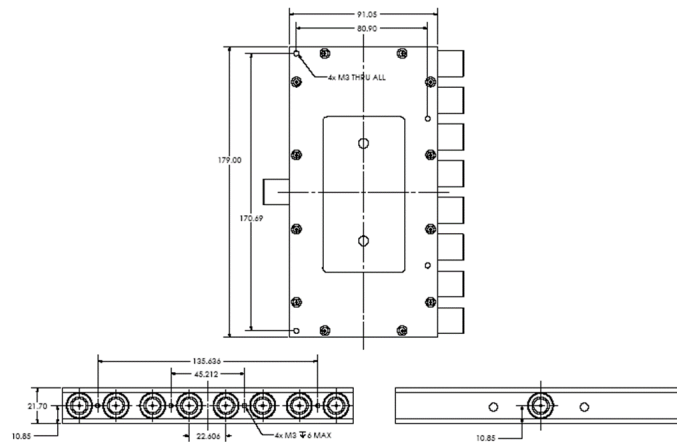
### Technical specifications and operating parameters

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	+27dBm (0.5W) as splitter +24dBm (0.25W) as combiner
DC Voltage	50V on any ports
DC Current	3A

**!** 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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