

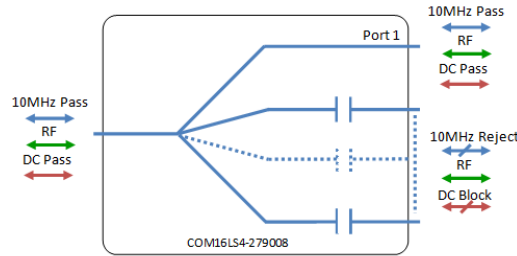


RF Components

Model Number:  
**COM16S4P-279008**

# 16-Way S-Band Passive Splitter/Combiner

750 - 3200 MHz



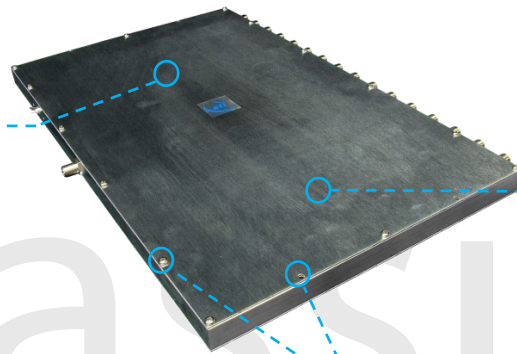
- All RF ports 10MHz & DC Pass port 1 to common and DC blocked on the rest.

Available with RF connector options:

- 50 Ω SMA
- 50 Ω N-type
- 50 Ω BNC



**750-3200 MHz**  
Operating frequency range. L-Band ready



**Compact**  
Housed in rugged compact enclosure

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

Passive

RF Parameters				
COM16S4P-279008-XXXX	S5S5	N5N5	B5B5	
Frequency Range	750-3200 MHz			
RF Connectors	50Ω SMA	50Ω N-Type	50Ω BNC	
Insertion Loss (dB)	Typ.	2.0	2.0	2.0
	Max	3.5	3.5	3.5
Flatness ± (dB)	±1.5	±1.5	±1.5	
Input Return Loss (dB)	Typ.	12	12	12
	Min	10	10	10
Output Return Loss (dB)	Typ.	12	12	12
	Min	10	10	10
Isolation (dB)	Min.	20	20	20
Amplitude Balance (dB)	≤0.5	≤0.5	≤0.5	

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 20dB\*  
 \*To ports which are applicable

## Broadcast



## Marine Oil & Gas



## SNG & VSAT



## Satellite Teleport



RF Parameters				
COM16S4P-279008-XXXX		S5S5	N5N5	B5B5
Frequency Range	Typ.	850-2150 MHz		
RF Connectors	Max	50Ω SMA	50Ω N-Type	50Ω BNC
Insertion Loss (dB)		2.0	2.0	2.0
	Typ.	2.5	2.8	2.8
Flatness ± (dB)	Min	±1.0	±1.0	±1.0
Input Return Loss (dB)	Typ.	12	12	12
	Min	10	10	10
Output Return Loss (dB)	Min.	12	12	12
		10	10	10
Isolation (dB)		20	20	20
Amplitude Balance (dB)		≤0.5	≤0.5	≤0.5
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 20dB* *To ports which are applicable				

### 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	+37 dBm (5W)
DC Voltage	50V on any RF port
DC Current	3A Port 1 Pass.
DC Consumption	N/A

**!** Operation beyond these limits may cause instantaneous and permanent damage.

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.