

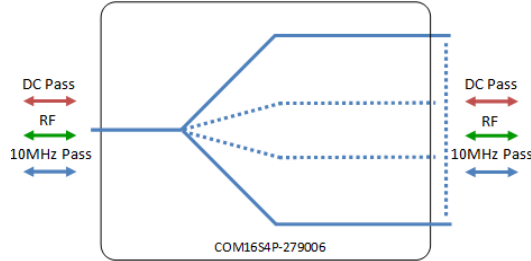


RF Components

Model Number:
COM16S4P-279006

16-Way S-Band Passive Splitter/Combiner

750 - 3200 MHz



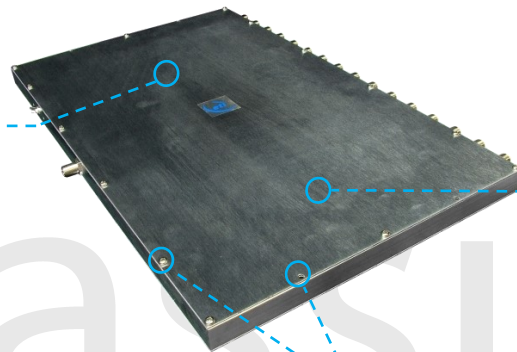
- All RF ports 10MHz & DC Pass

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-279006-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)		≤0.3	≤0.3	≤0.3
Phase Balance (Φ)		≤3°	≤3°	≤3°
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-279006-XXXX		S5S5	N5N5	B5B5	
Frequency Range		850-2150 MHz			
RF Connectors		50Ω SMA	50Ω N-Type	50Ω BNC	
Insertion Loss (dB)	Typ.	2.0	2.0	2.0	
	Max	2.5	2.8	2.8	
Flatness ± (dB)		±1.0	±1.0	±1.0	
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)		20	20	20	
Amplitude Balance (dB)		≤0.3	≤0.3	≤0.3	
Phase Balance (Φ)		≤3°	≤3°	≤3°	
<p>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</p>					

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	
DC Consumption	

! 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.