

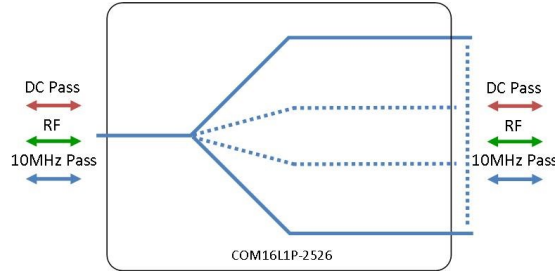


RF Components

Model Number:
COM16L1P-2526

16-Way L-Band Passive Splitter/Combiner

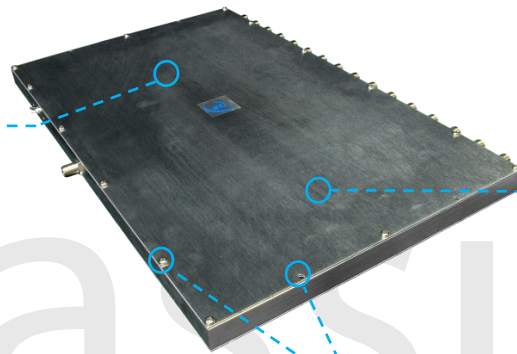
850 - 2150 MHz



- All RF ports 10MHz & DC pass
- Available with RF connector options:
- 50 Ω SMA
 - 50 Ω N-type
 - 50 Ω BNC
 - 75 Ω BNC
 - 75 Ω F-type.



850-2150 MHz
Operating frequency range. L-Band ready



Compact
Housed in rugged compact enclosure

Flexible Mounting
Tapped screw & through hole mounting options

Passive

RF Parameters						
COM16L1P-2526-XXXX	S5S5	N5N5	B5B5	B7B7	F7F7	
Frequency Range	850-2150 MHz					
RF Connectors	50Ω SMA	50Ω N-Type	50Ω BNC	75Ω BNC	75Ω F-Type	
Insertion Loss (dB)	Typ.	2.0	2.2	2.4	2.8	3.0
	Max	3.2	3.5	3.5	4.0	4.5
Flatness ± (dB)	1.25	1.25	1.25	1.5	1.5	
Input Return Loss (dB)	Typ.	20	18	15	14	10
	Min	10	10	10	10	8
Output Return Loss (dB)	Typ.	20	18	15	14	10
	Min	10	10	10	10	8
Isolation (dB)	Typ.	23	20	20	20	18
Amplitude Balance (dB)	≤0.3	≤0.5	≤0.5	≤0.7	≤1.0	
Phase Balance (Φ)	≤3°	≤4°	≤4°	≤6°	≤10°	

The given Insertion Loss specified is the loss above the theoretical limit for a lossless divider
10MHz Insertion Loss is up to 6dB above the theoretical loss*

Broadcast



Marine Oil & Gas



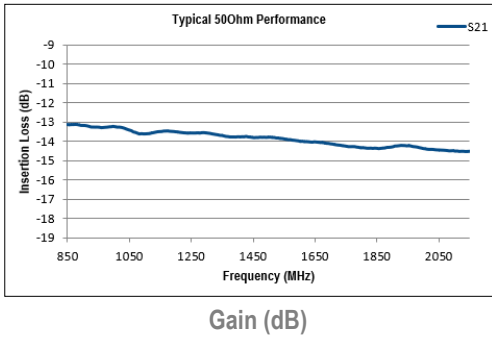
SNG & VSAT



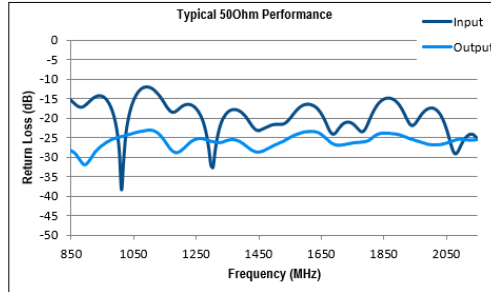
Satellite Teleport



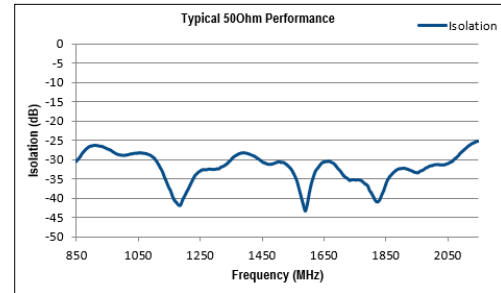
Technical specifications and operating parameters



Gain (dB)



Return Loss (dB)



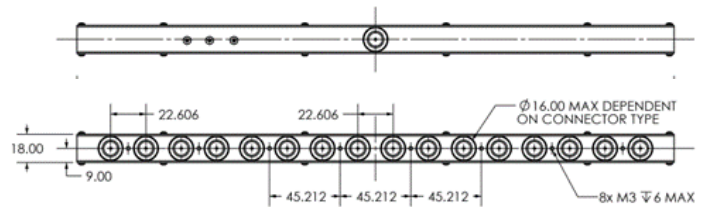
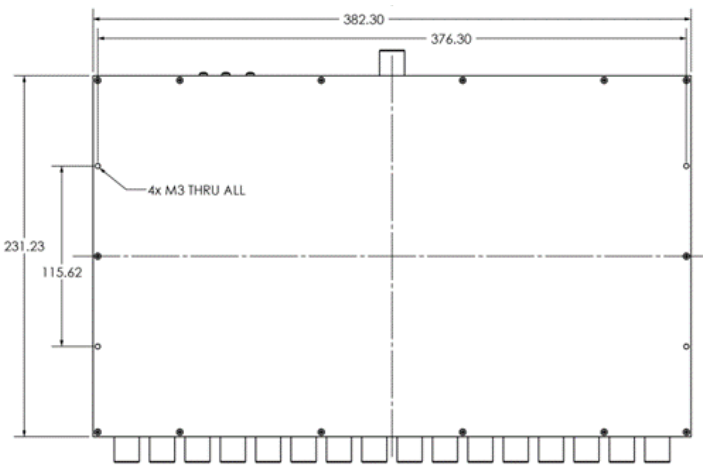
Isolation (dB)

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	+37 dBm (5W)
DC Voltage	50V on any RF port
DC Current	5A Max. Note: 3A max if SMA or F type connector.

! 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.