

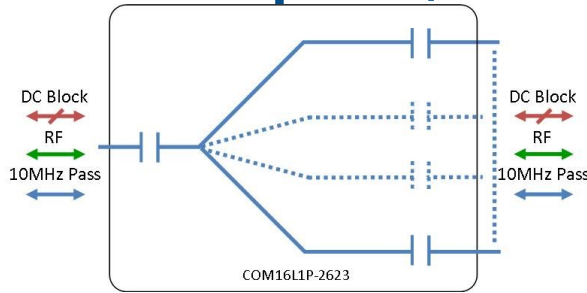


RF Components

Model Number:  
**COM16L1P-2623**

# 16-Way L-Band Passive Splitter/Combiner

**850 - 2150 MHz**



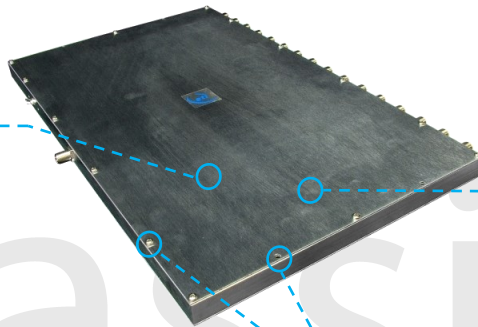
- All RF ports DC blocked
- All RF ports 10 MHz pass

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-2623-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	1.25	1.25	
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 7dB above the theoretical loss\*  
\*To ports which are applicable

**Broadcast**



**Marine Oil & Gas**



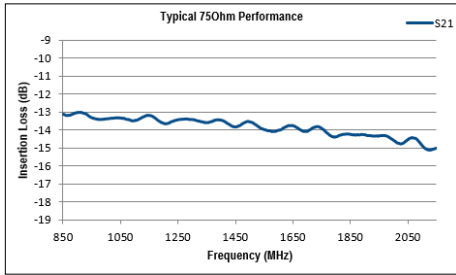
**SNG & VSAT**



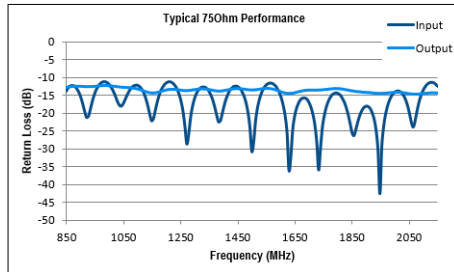
**Satellite Teleport**



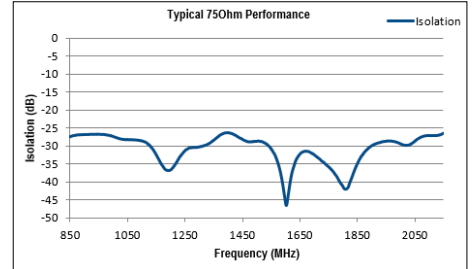
Technical specifications and operating parameters



Insertion Loss (dB)



Return Loss (dB)



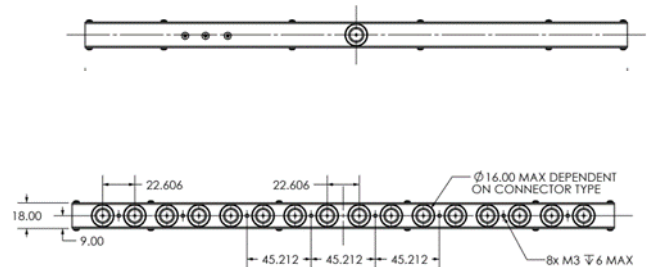
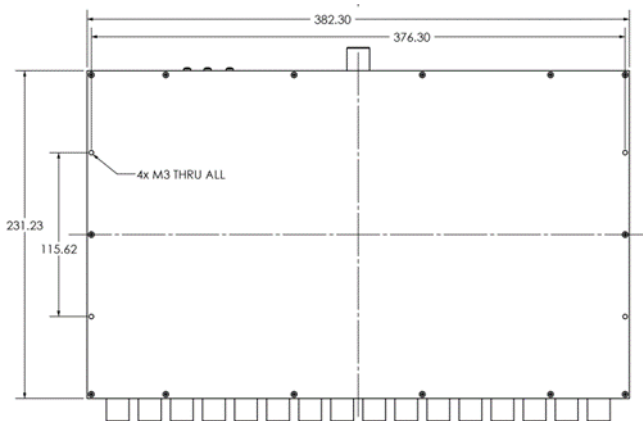
Isolation (dB)

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	+37 dBm (5W)
DC Voltage	50V on any RF port
DC Current	5A (or 3A Max for 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.