

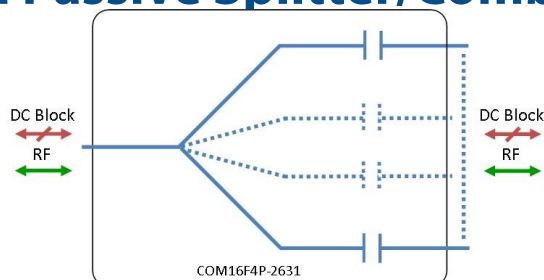


RF Components

Model Number:
COM16F4P-2631

16-Way IF-Band Passive Splitter/Combiner

50 - 1000 MHz



- All RF ports DC blocked

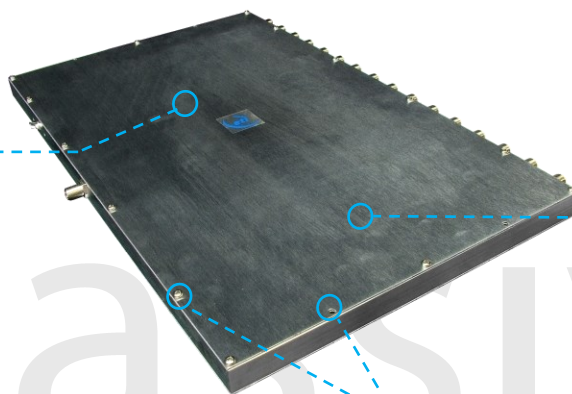
Available with RF connector options:

- 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

RF Parameters						
COM16F4P-2631-XXXX	S5S5	N5N5	B5B5	B7B7	F7F7	
Frequency Range	50-1000 MHz					
RF Connectors	50Ω SMA	50Ω N-Type	50Ω BNC	75Ω BNC	75Ω F-Type	
Insertion Loss (dB)	Typ.	2.0	2.5	3.0	3.2	3.5
	Max.	3.5	4.0	4.0	4.2	4.5
Flatness ± (dB)	1.5	1.5	1.5	2.0	2.0	
Input Return Loss (dB)	Typ.	18	18	15	14	10
	Min	13	13	12	10	8
Output Return Loss (dB)	Typ.	18	18	15	14	10
	Min	13	13	12	10	8
Isolation (dB)	Typ.	22	22	22	22	22
	Min.	17	17	17	17	17
Amplitude Balance (dB)	≤0.5	≤0.5	≤0.5	≤0.5	≤0.5	
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



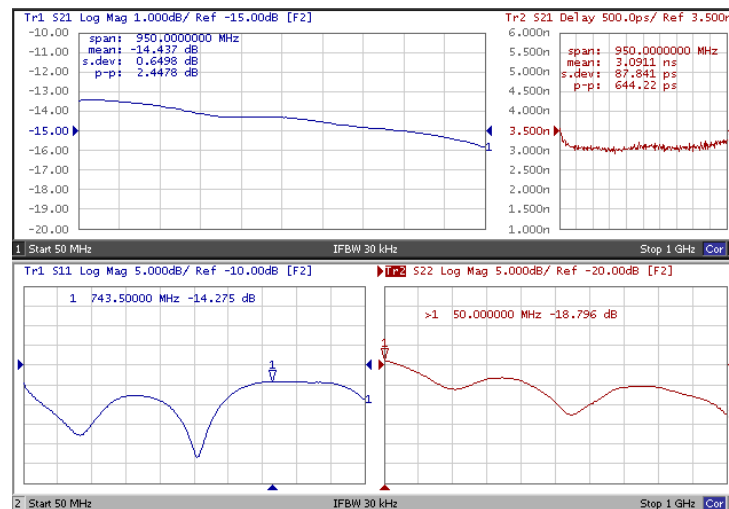
SNG & VSAT



Satellite Teleport



Technical specifications and operating parameters

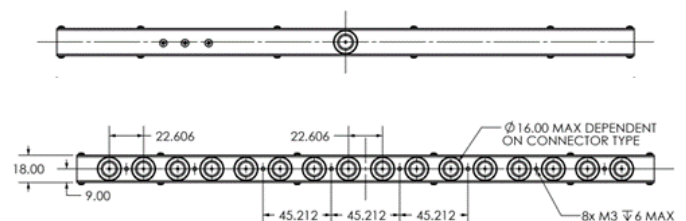
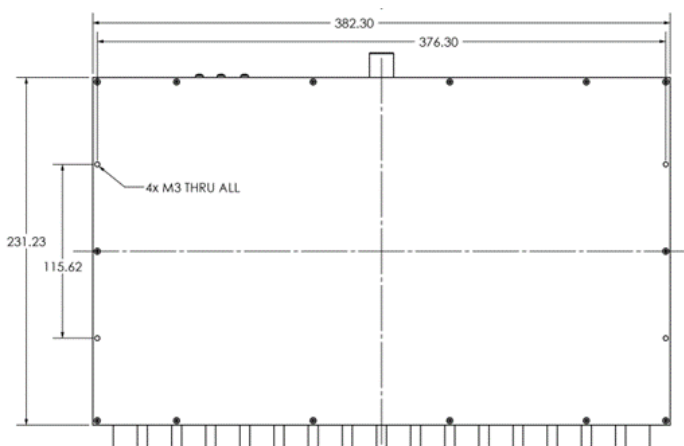


Environmental	
Operating Temperature	0°C to +45°C
Storage Temperature	-20°C to +75°C
Location	Indoor use Only
Humidity	Max. 95% non-condensing
Altitude	Max. 10,000 feet

Max Operating Parameters	
Input RF Power	+27 dBm (0.5W)
DC Voltage	40V on any RF port
DC Current	500mA

! 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.