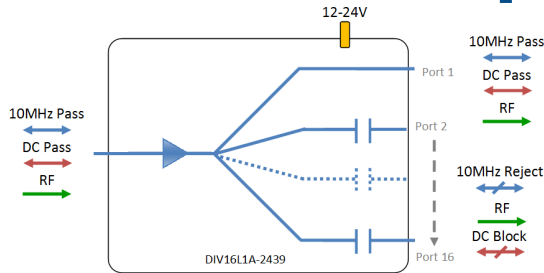


16-Way L-Band Active Splitter

850-2150 MHz

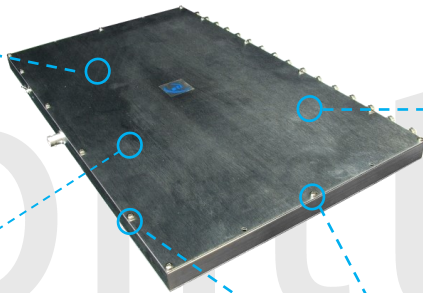


- Unity gain
- DC & 10MHz pass between port-1 & the common port
- All other ports DC & 10MHz blocked
- Requires 12-24V external DC Bias

Available with RF connector options:

- 50 Ω SMA
- 50 Ω N-type
- 50 Ω BNC
- 75 Ω BNC
- 75 Ω F-type

12-24V
External DC
powering



Compact
Housed in
rugged compact
enclosure

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

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

RF Parameters					
DIV16L1A-2439-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
Mean Gain (dB)	0.6± 0.3	0.6± 0.3	0.6± 0.3	0.6± 0.5	0.6± 0.5
Flatness ± (dB)	1.0	1.0	1.2	1.5	1.5
Input Return Loss (dB)	Typ.	14	14	12	12
	Min	12	12	10	8
Output Return Loss (dB)	Typ.	20	20	18	12
	Min	16	16	15	8
Output P1dB GCP** (dBm)	Typ.	2	2	2	2
	Min	0	0	0	0
Isolation (dB)	Typ.	24	24	24	25
Output IP3 (dBm)	Typ.	12	12	12	12
Noise Figure (dB)	Typ.	11	11	11	11
Amplitude Balance (dB)	≤0.3	≤0.3	≤0.3	≤0.5	≤0.5
10MHz Rejection is 20dB* *To ports which are applicable **GCP (Gain Compression Point)					

Broadcast



Marine Oil & Gas



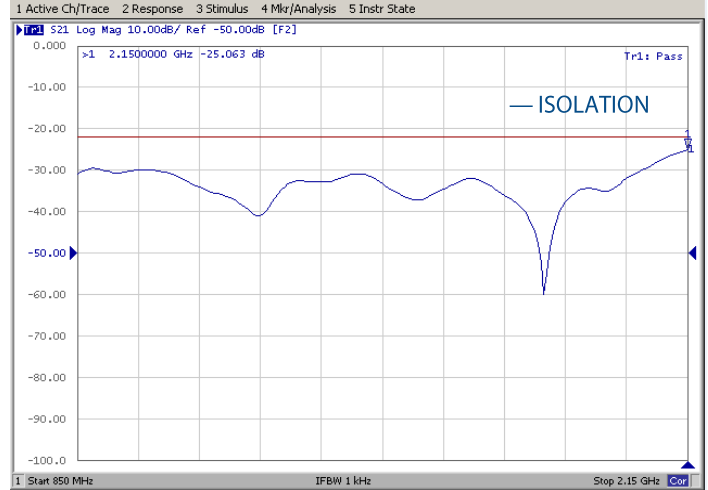
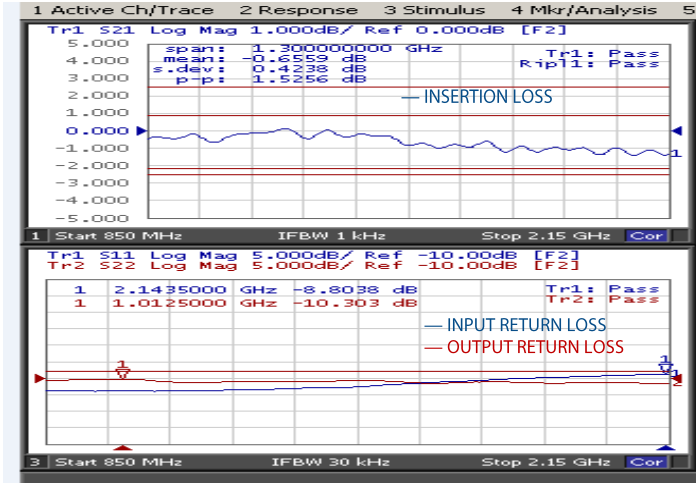
SNG & VSAT



Satellite Teleport



Technical specifications and operating parameters

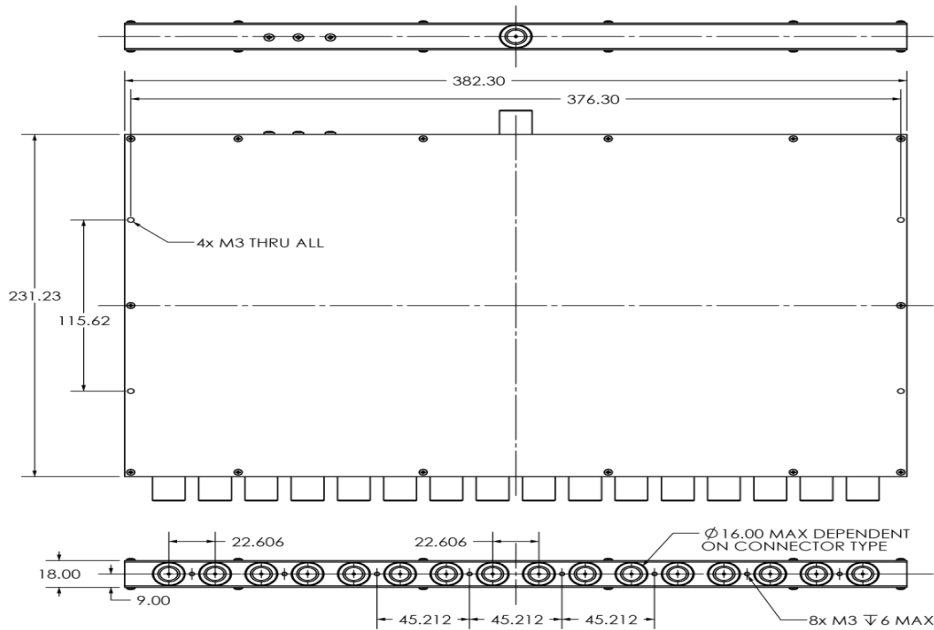


Environmental		
Operating Temperature		0°C to +45°C
Storage Temperature		-20°C to +75°C
Location		Indoor use Only
Humidity	Max.	85% non-condensing
Altitude	Max.	10,000 feet

Max Operating Parameters	
Input RF Power	+21 dBm (125mW)
DC Voltage	35V on any RF port
DC Current	1A
DC Consumption	200mA Max, 160mA typical

! 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.