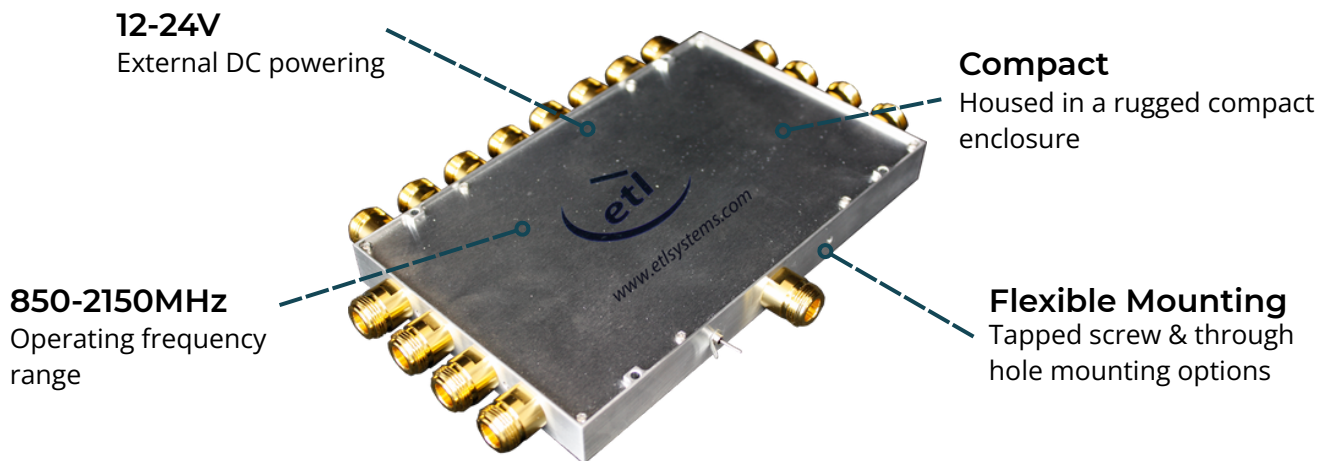


16-way L-band Active Splitter

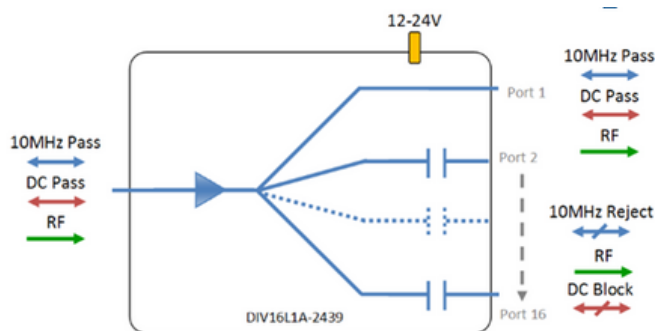
850-2150 MHz



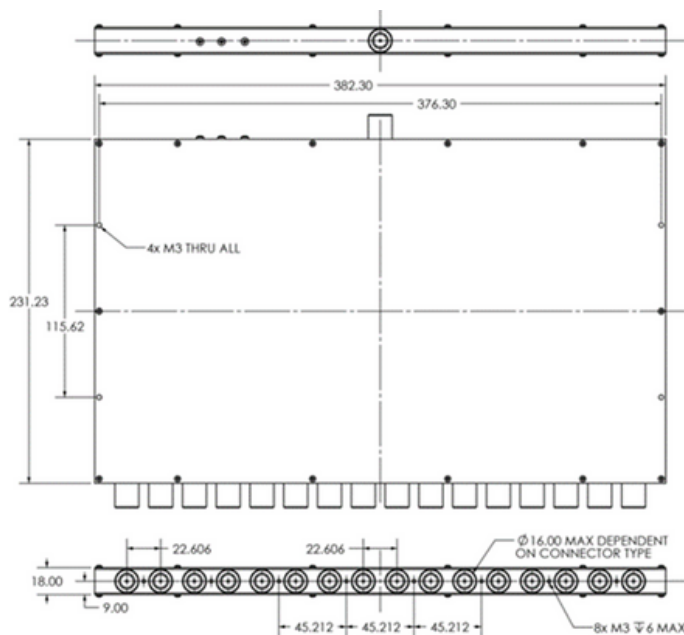
RF Parameters						
		S5S5	N5N5	B5B5	B7B7	F7F7
Frequency Range		850-2150MHz				
RF Connectors		50Ω SMA	50Ω N-Type	50Ω BNC	75Ω BNC	75Ω F-Type
Mean Gain (dB)		0.6±0.3	0.6±0.3	0.6±0.3	0.6±0.5	0.6±0.5
Flatness (dB)		1.0	1.0	1.2	1.5	1.5
Input Return Loss (dB)	Typ.	14	14	12	12	12
	Min.	12	12	10	8	8
Output Return Loss (dB)	Typ.	20	20	18	12	12
	Min.	16	16	15	8	8
Output P1dB GCP* (dBm)	Typ.	2	2	2	2	2
	Min.	0	0	0	0	0
Isolation (dB)		24	24	24	25	25
Output IP3 (dBm)		12	12	12	12	12
Noise Figure (dB)		11	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)						

Max Operating Parameters	
Input RF Power	+21 dBm (125mW)
DC Voltage	35V on any RF port
DC Current	1A
DC Consumption	200mA Max., 160mA Typ.
Physical & Environmental	
Operating Temperature	0°C to +45°C
Storage Temperature	-20°C to +75°C
Location	Indoor use only
Humidity	85% non-condensing
Altitude	10,000 feet

Diagram



Physical Dimensions (mm)



Note 1: The specification is subject to regular reviews and will be updated from time to time as part of our continuing product development and improved spec accuracy.
 Note 2: Operation beyond the quoted limits stated above may cause instantaneous and permanent damage.

Test Plots

