



RF Components

8-Way L-Band Active Splitter

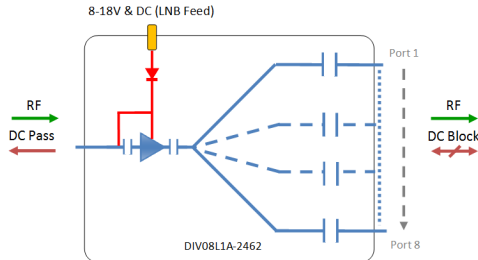
850 - 2150 MHz

Model Number:
DIV08L1A-2462

- 15 dB gain
- DC block all ports
- Requires 8-18V external DC power. LNB inject onto common port from the same DC input.

Available with RF connector options:

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



8-18V
External DC input to power the unit and provide LNB inject voltage.

Compact
Housed in rugged compact enclosure

Flexible Mounting
Tapped screw & through hole mounting options

850-2150 MHz
Operating frequency range.



RF Parameters					
DIV08L1A-2462	S5S5	N5N5	B5B5	B7B7	F7F7
Frequency Range	850 - 2150 MHz				
RF Connectors	50 Ω SMA	50 Ω N-Type	50 Ω BNC	75 Ω BNC	75 Ω F-Type
Mean Gain (dB)	15 $\pm$ 1	15 $\pm$ 1	15 $\pm$ 1.2	15 $\pm$ 1.5	15 $\pm$ 1.5
Flatness $\pm$ (dB)	1.0	1.0	1.2	1.5	1.5
Input Return Loss (dB)	Typ.	20	20	20	14
	Min	14	14	14	10
Output Return Loss (dB)	Typ.	22	22	22	16
	Min	16	16	16	10
Output P1dB GCP** (dBm)	Typ.	6	6	6	6
	Min	1	1	1	1
Output IP3 (dBm)	Typ.	14	14	14	14
Noise Figure (dB)	Max	5	5	5	5
10MHz Rejection is 20dB* *To ports which are applicable **GCP (Gain Compression Point)					

Broadcast



Marine Oil & Gas



SNG & VSAT



Satellite Teleport





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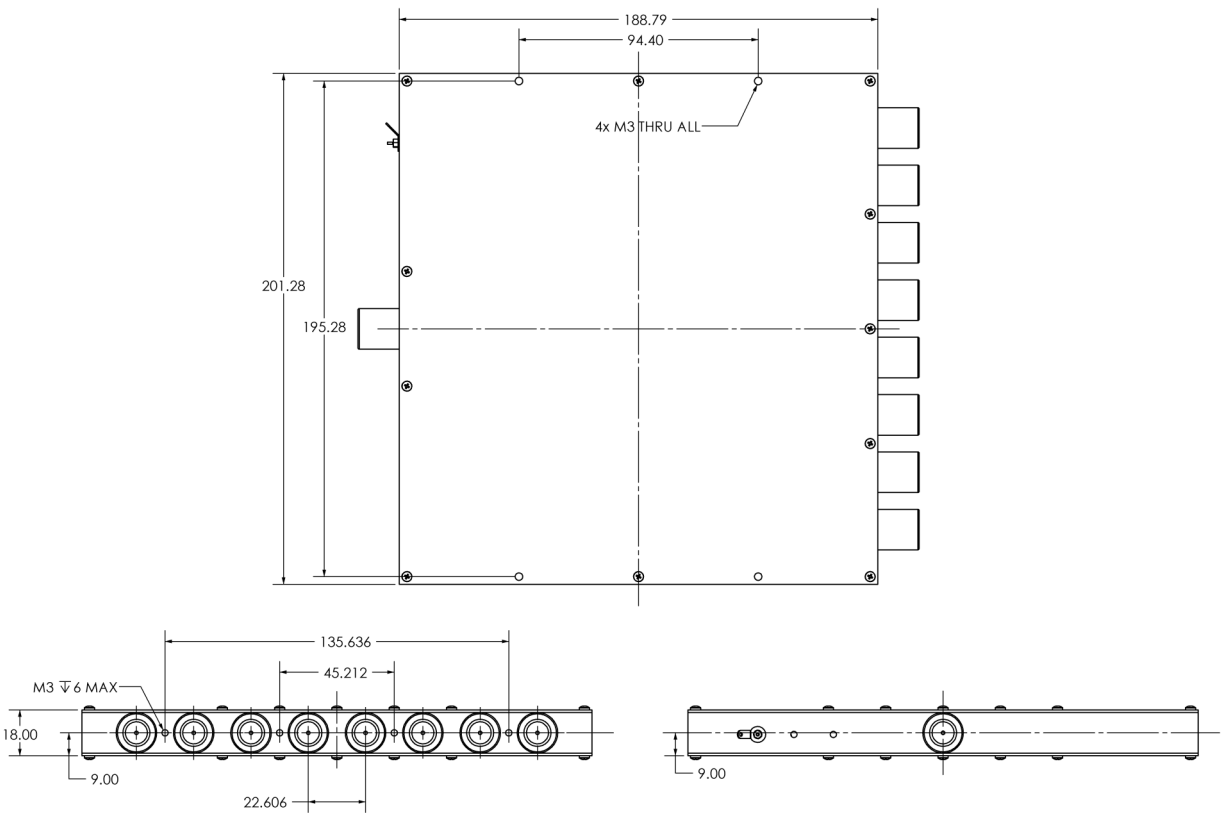
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Technical specifications and operating parameters

Environmental		Max Operating Parameters	
Operating Temperature	0°C to +45°C	Input RF Power	+16 dBm (40mW)
Storage Temperature	-20°C to +75°C	DC Voltage	35V on any RF port
Location	Indoor use Only	DC Current	500mA (LNB inject)
Humidity	Max 85% non-condensing	DC Consumption	100mA Max, 80mA typical
Altitude	Max 10,000 feet		

! 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.

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