

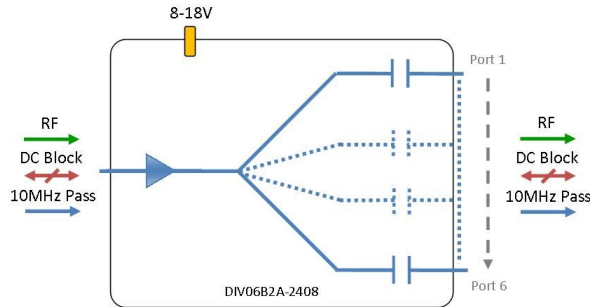


Model Number:
DIV06B2A-2408

RF Components

6-way IF to L band Active Splitter

Frequency Range



- Passes 10MHz
- Integral regulator
- Requires a DC voltage
- All RF ports are DC blocked

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
powering

Compact
Housed in
rugged compact
enclosure

50-2150 MHz
Operating frequency
range.

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



RF Parameters						
DIV06B2A-2408	S5S5	N5N5	B5B5	B7B7	F7F7	
Frequency Range	50-2150 MHz					
RF Connectors	50Ω SMA	50Ω N-Type	50Ω BNC	75Ω BNC	75Ω F-Type	
Mean Gain (dB)	0 ± 2	0 ± 2	0 ± 2	0 ± 2	0 ± 2	
Flatness ± (dB)	1.2	1.5	1.5	1.8	2.0	
Input Return Loss (dB)	Typ.	16	15	14	12	10
	Min	12	12	10	10	7
Output Return Loss (dB)	Typ.	16	15	14	12	10
	Min	12	12	10	10	7
Output P1dB GCP* (dBm)	Typ.	5	5	5	5	5
	Min	2	2	2	2	2
Isolation (dB)	Typ.	16	16	16	16	16
Noise Figure (dB)	Typ.	12	12	12	12	12
Amplitude Balance (dB)		≤1	≤1	≤1	≤1	≤1
Phase Balance (Φ)		≤5°	≤5°	≤5°	≤5°	≤5°

*GCP (Gain Compression Point)

Broadcast



Marine Oil & Gas



SNG & VSAT



Satellite Teleport



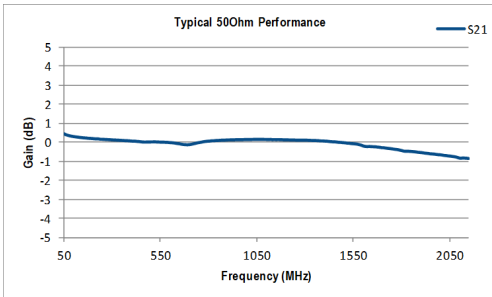


RF Components

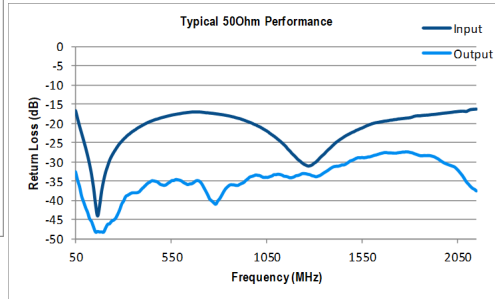
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6-way IF to L band Active Splitter

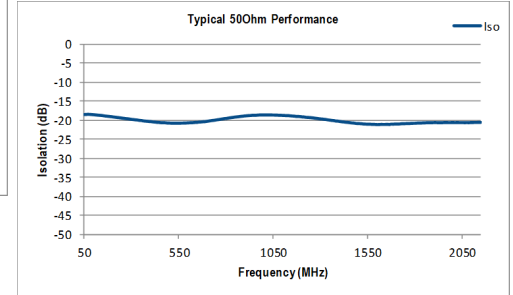
Technical specifications and operating parameters



Gain (dB)



Return Loss (dB)



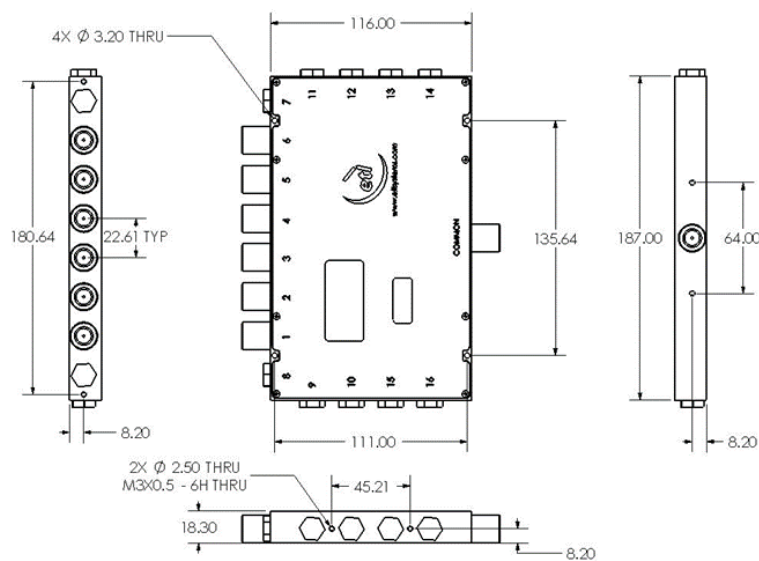
Isolation (dB)

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	+20 dBm
DC Voltage	18 V

! 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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