RF Components

2-Way L-Band Active Splitter

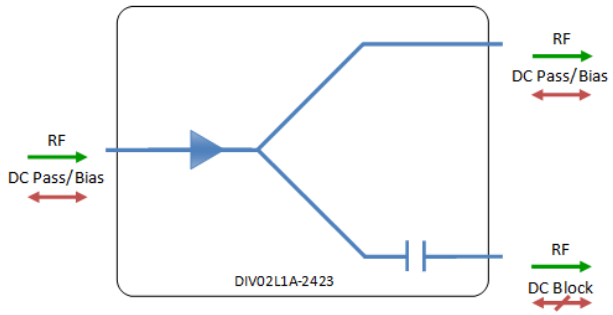
850 - 2150 MHz

Model Number:
DIV02L1A-2423

- 10dB gain
- 5dB positive slope
- One port DC pass

Available with RF connector options:

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



Compact
Housed in rugged compact enclosure

Flexible Mounting
Tapped screw & through hole mounting options

850-2150 MHz
Operating frequency range.

RF Parameters						
DIV02L1A-2423-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)		10±2	10±2	10±2	10±2.5	10±2.5
Slope (dB)		5±1.5	5±1.5	5±1.8	5±2.0	5±2.0
Input Return Loss (dB)	Typ.	14	14	14	10	10
	Min	10	10	10	7	7
Output Return Loss (dB)	Typ.	18	18	16	12	12
	Min	14	14	12	8	8
Output P1dB GCP* (dBm)	Typ.	8	8	8	8	8
	Min	6	6	6	6	6
Isolation (dB)	Typ.	16	16	16	16	16
Output IP3 (dBm)	Typ.	17	17	17	17	17
Noise Figure (dB)	Typ.	10	10	10	10	10

*GCP (Gain Compression Point)

Broadcast

Marine Oil & Gas

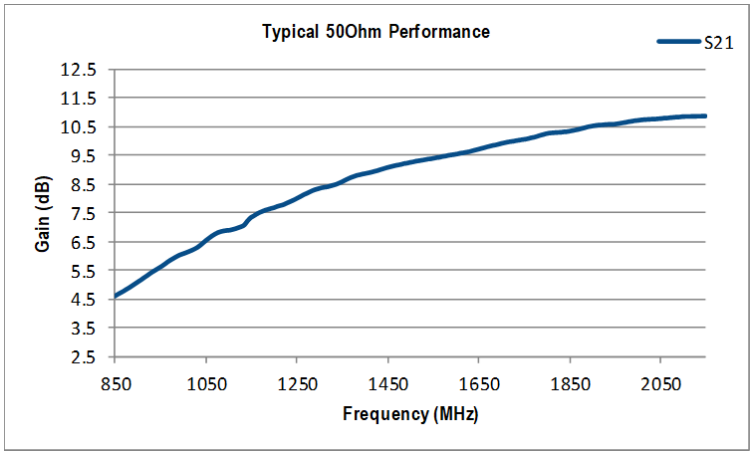
SNG & VSAT

Satellite Teleport

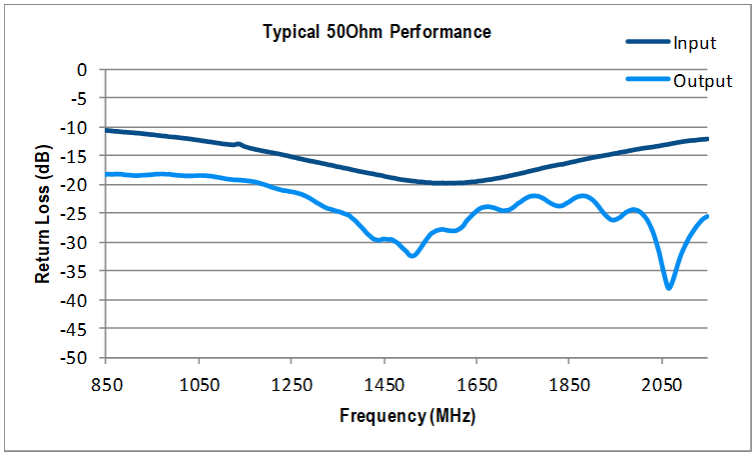
RF Components

Model Number:
DIV02L1A-2423
2-Way L-Band Active Splitter

Technical specifications and operating parameters



Gain (dB)



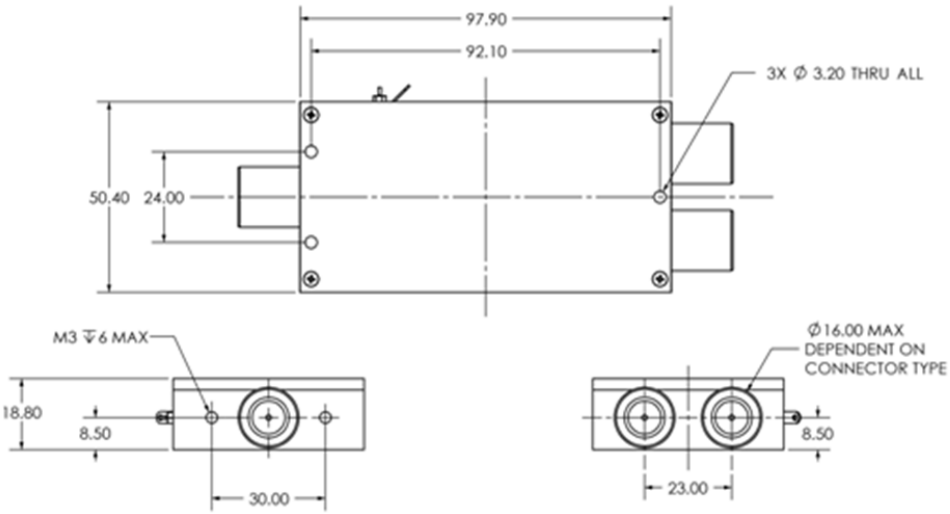
Return Loss (dB)

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	+18 dBm (63mW)
DC Voltage	35V on any RF port
DC Consumption	100mA Max, 80mA 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.

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