



Model Number:
DIV02L1A-2390

RF Components

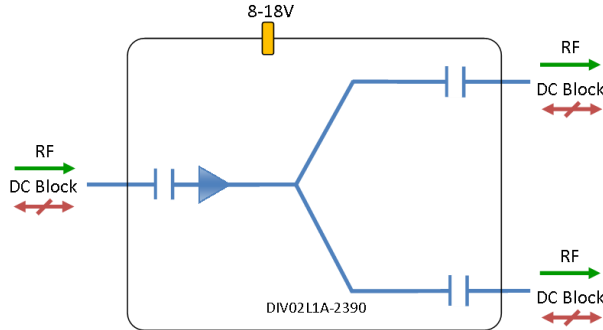
2-Way L-Band Active Splitter

850 - 2150 MHz

- 5dB gain
- Flat frequency response
- Requires 8-18V 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



Compact

Housed in rugged compact enclosure

Flexible Mounting

Tapped screw & through hole mounting options

8-18V
External DC powering

850-2150 MHz
Operating frequency range.



RF Parameters						
DIV02L1A-2390-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)	5±0.5	5±0.5	5±0.8	5±1.0	5±1.0	
Flatness ± (dB)	0.5	0.5	0.5	1.0	1.0	
Input Return Loss (dB)	Typ.	16	16	15	10	10
	Min	12	12	10	8	8
Output Return Loss (dB)	Typ.	22	22	20	12	12
	Min	18	18	15	8	8
Output P1dB GCP* (dBm)	Typ.	9	9	9	9	9
	Min	7	7	7	7	7
Isolation (dB)	Typ.	16	16	16	16	16
Output IP3 (dBm)	Typ.	18	18	18	18	18
Noise Figure (dB)	Typ.	13	13	13	13	13
Amplitude Balance (dB)		≤0.3	≤0.3	≤0.3	≤0.4	≤0.4
Phase Balance (Φ)		≤5°	≤5°	≤5°	≤5°	≤5°

*GCP (Gain Compression Point)

Broadcast



Marine Oil & Gas



SNG & VSAT



Satellite Teleport

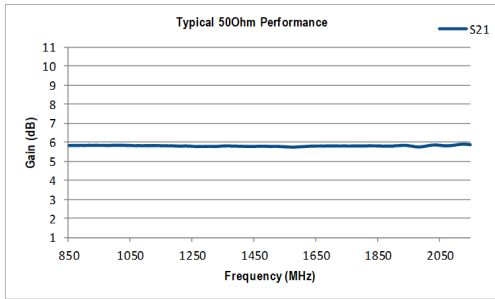




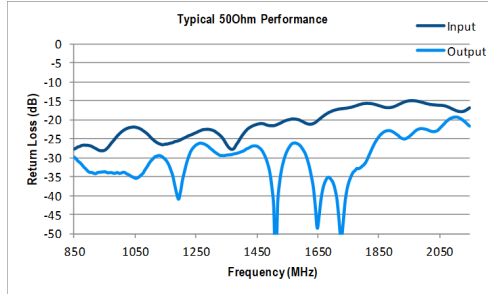
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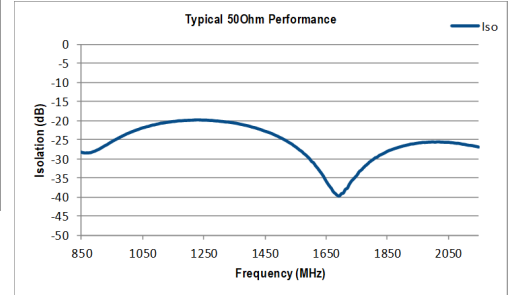
Technical specifications and operating parameters



Gain (dB)



Return Loss (dB)



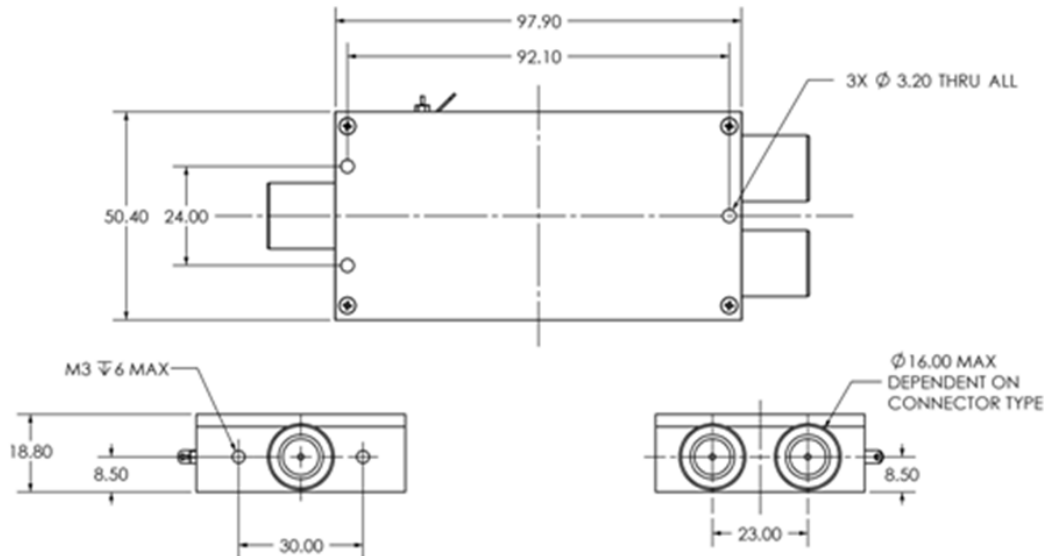
Isolation (dB)

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	+16 dBm (40mW)
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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