



Model Number:
DIV04L1A-2322

RF Components

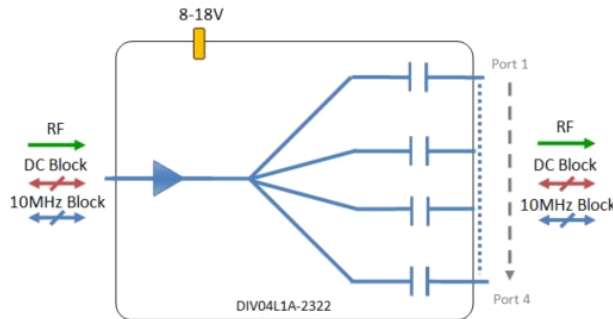
4-Way L-Band Active Splitter

850 - 2150 MHz

- Flat frequency response
- All ports DC & 10MHz blocked
- 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

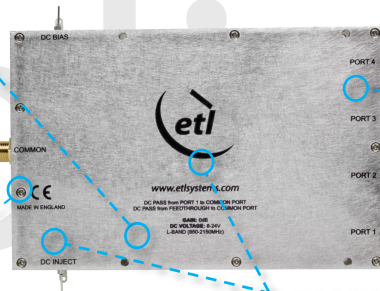
Housed in rugged compact enclosure

Flexible Mounting

Tapped screw & through hole mounting options

8-18V
External DC powering

850-2150 MHz
Operating frequency range.



RF Parameters					
DIV04L1A-2322-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)	1±1.5	1±1.5	1±1.5	1±1.5	1±1.5
Flatness ± (dB)	1.0	1.2	1.5	1.8	2.0
Input Return Loss (dB)	Typ.	18	18	18	14
	Min	14	14	13	10
Output Return Loss (dB)	Typ.	22	22	22	13
	Min	18	18	17	8
Output P1dB GCP* (dBm)	Typ.	5	5	5	5
	Min	2	2	2	2
Isolation (dB)	Typ.	20	20	20	20
Output IP3 (dBm)	Typ.	15	15	15	15
Noise Figure (dB)	Typ.	8	8	8	8
Amplitude Balance (dB)	≤0.4	≤0.4	≤0.4	≤0.4	≤0.4
Phase Balance (Φ)	≤5°	≤5°	≤5°	≤5°	≤5°

*GCP (Gain Compression Point)

Broadcast



Marine Oil & Gas



SNG & VSAT



Satellite Teleport

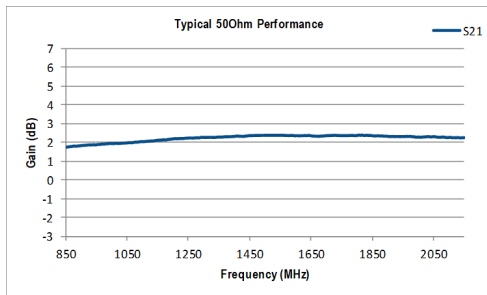




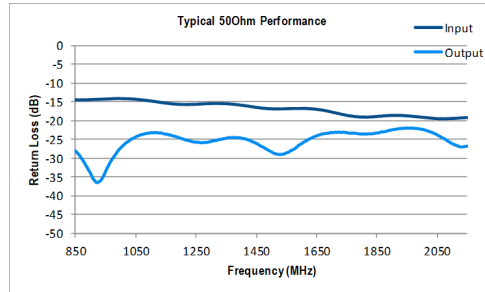
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Model Number:
DIV04L1A-2322
4-Way L-Band Active Splitter

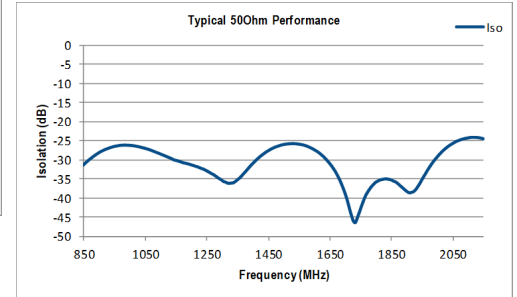
Technical specifications and operating parameters



Gain (dB)



Return Loss (dB)



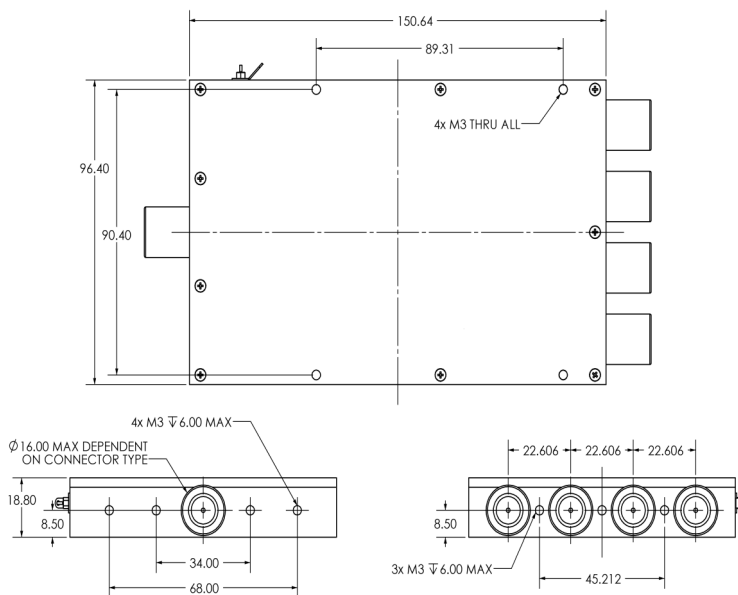
Isolation (dB)

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		+21 dBm (125 mW)
DC Voltage		35V on any RF port
DC Current	Max	n/a
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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