

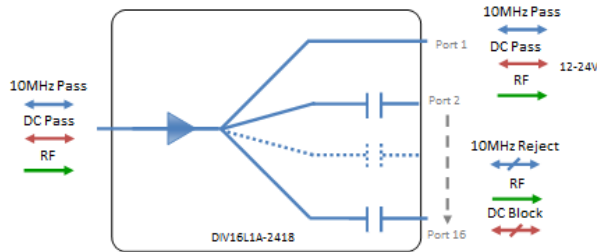


RF Components

16-way L-band Active Splitter

850-2150 MHz

Model Number:
DIV16L1A-2418



- DC and 10MHz pass between port-1 and the common port
- Requires DC on port-1 or the common port for it to operate
- All other RF ports are DC and 10 MHz blocked

Available with RF connector options:

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

Compact

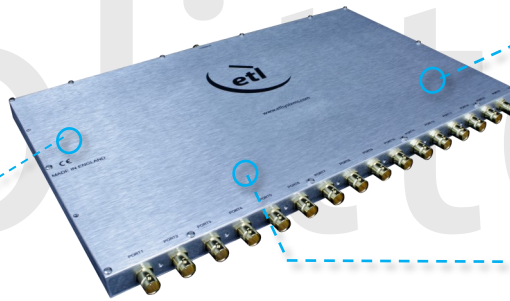
Housed in rugged compact enclosure

Flexible Mounting

Tapped screw & through hole mounting options



850-2150 MHz
Operating frequency range.



		RF Parameters				
DIV16L1A-2418		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)		0 ±2 dB	0 ±2 dB	0 ±2 dB	0 ±2.5 dB	0 ±2.5 dB
Flatness ± (dB)		1.0	1.0	1.2	1.5	1.5
Input Return Loss (dB)	Typ.	14	14	12	12	12
	Min	12	12	10	8	8
Output Return Loss (dB)	Typ.	20	20	18	12	12
	Min	16	16	15	8	8
Output P1dB GCP* (dBm)	Typ.	2	2	2	2	2
	Min	0	0	0	0	0
Isolation (dB)		Typ. 20	20	20	20	20
Output IP3 (dBm)		Typ. 12	12	12	12	12
Noise Figure (dB)		Typ. 8	8	8	8	8

*GCP (Gain Compression Point)

Broadcast



Marine Oil & Gas



SNG & VSAT



Satellite Teleport



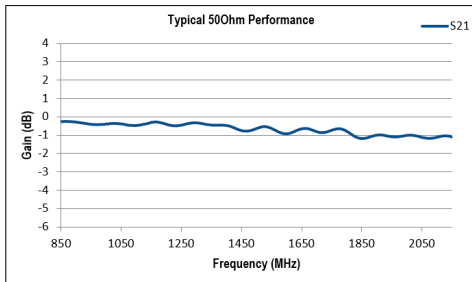


RF Components

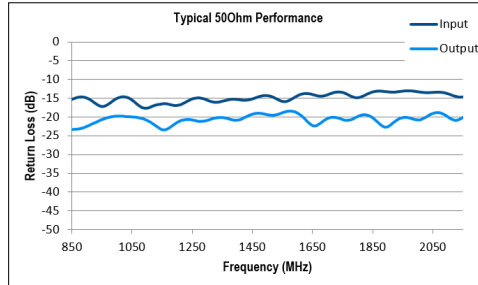
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16-way L-band Active Splitter

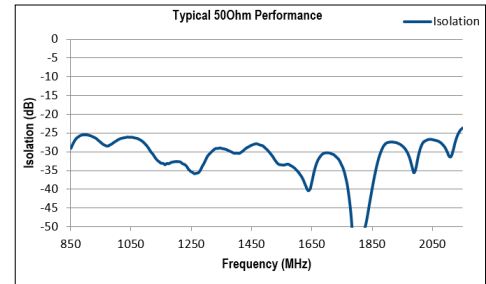
Technical specifications and operating parameters



Gain (dB)



Return Loss (dB)



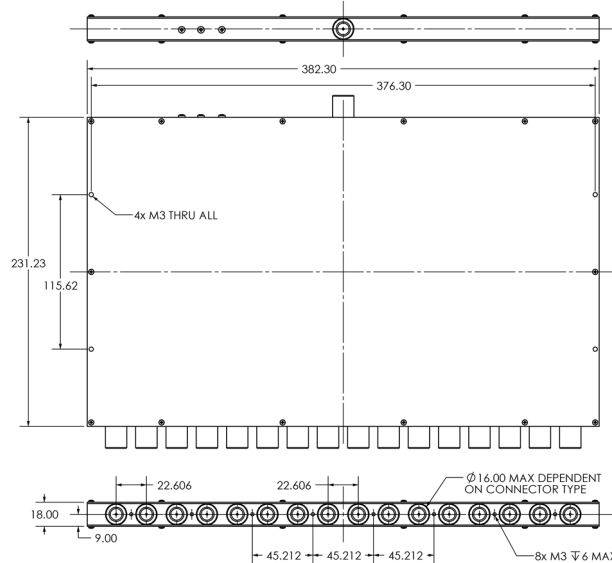
Isolation (dB)

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		+20 dBm (100mW)
DC Voltage		35V on any RF port
DC Current	Max	2A Max
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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