

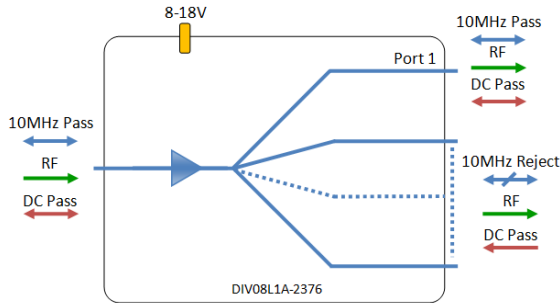


RF Components

# 8-way L-band Active Splitter

## 850-2150 MHz

Model Number:  
**DIV08L1A-2376**



- 10MHz pass on port 1 only
- DC pass on all ports
- DC block between outputs
- Unity gain
- 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

DIV08L1A-2376	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 ±1.00	0 ±1.00	0 ±1.25	0 ±1.75	0 ±1.75	
Flatness ± (dB)	1.5	1.5	1.75	2.0	2.0	
Input Return Loss (dB)	Typ.	18	18	16	15	12
	Min	12	12	10	8	8
Output Return Loss (dB)	Typ.	18	18	16	15	12
	Min	12	12	10	8	8
Output P1dB GCP** (dBm)	Typ.	2	2	2	2	2
	Min	0	0	0	0	0
Isolation (dB)	Typ.	25	25	25	25	25
Output IP3 (dBm)	Typ.	12	12	12	12	12
Noise Figure (dB)	Typ.	5	5	6	6	6

10MHz Insertion maximum >3dB\*  
 \*To ports which are applicable  
 \*\*GCP (Gain Compression Point)

### Broadcast



### Marine Oil & Gas



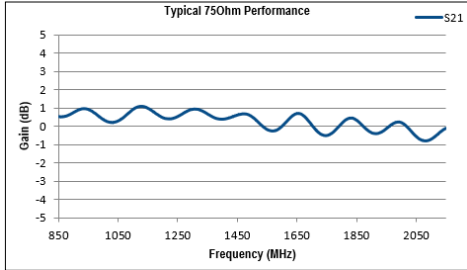
### SNG & VSAT



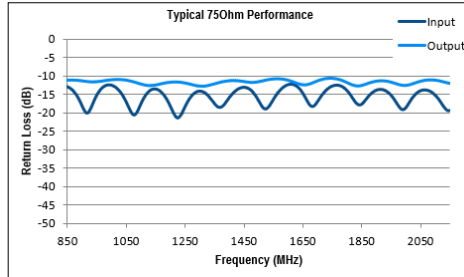
### Satellite Teleport



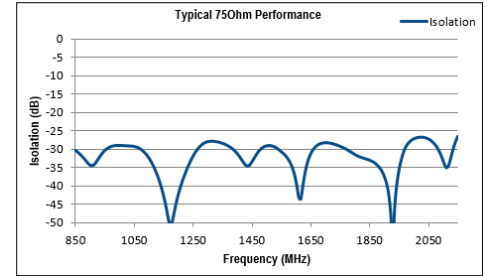
Technical specifications and operating parameters



Gain (dB)



Return Loss (dB)



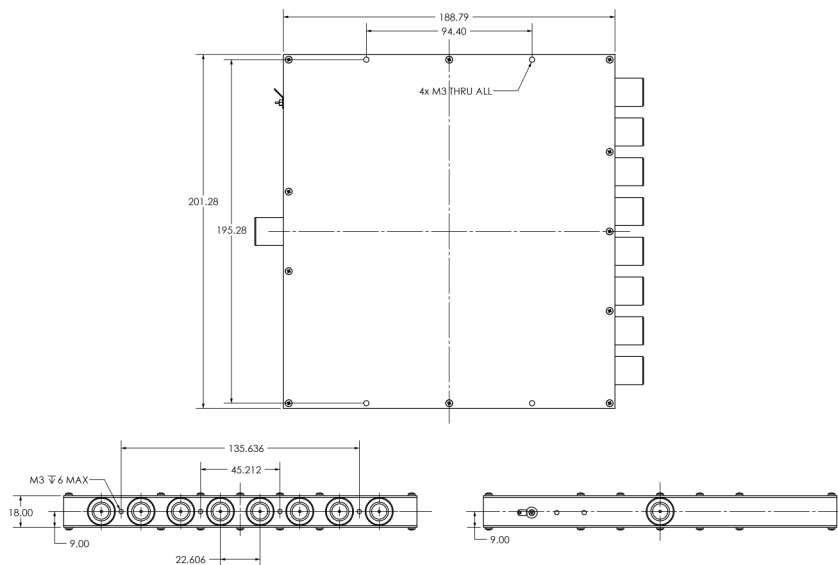
Isolation (dB)

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		50V on any RF port
DC Current	Max	500mA resettable fuse
DC Consumption		100mA Max typical 80mA

**!** 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.