

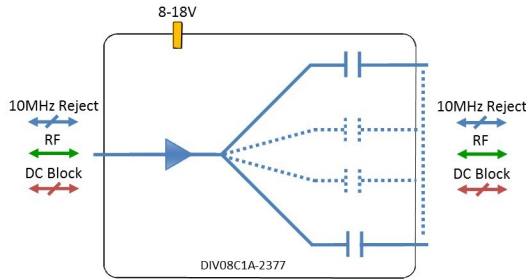


Model Number:
DIV08C1A-2377

RF Components

8-way C-band Active Splitter

3400-4200 MHz



- DC & 10 MHz block on all ports
- Requires external DC bias
- Unity gain

Available with RF connector options:

- 50 Ω SMA
- 50 Ω N-type

8-18V
External DC
powering

Compact
Housed in
rugged compact
enclosure

**Flexible
Mounting**
Tapped screw &
through hole
mounting options

3400-4200 MHz
Operating frequency
range.



RF Parameters		
DIV08C1A-2377-XXXX	S5S5	N5N5
Frequency Range	3400-4200 MHz	
RF Connectors	50Ω SMA	50Ω N-Type
Mean Gain (dB)	0±1.5	0±1.5
Flatness ± (dB)	1.5	1.5
Input Return Loss (dB)	Typ.	18
	Min	12
Output Return Loss (dB)	Typ.	18
	Min	12
Output P1dB GCP** (dBm)	Typ.	0
	Min	-4
Isolation (dB)	Typ.	25
Output IP3 (dBm)	Typ.	10
Noise Figure (dB)	Typ.	10
Amplitude Balance (dB)	≤0.3	≤0.3
Phase Balance (Φ)	≤5°	≤5°
10MHz Rejection is 25dB* *To ports which are applicable **GCP (Gain Compression Point)		

Broadcast



Marine Oil & Gas



SNG & VSAT



Satellite Teleport

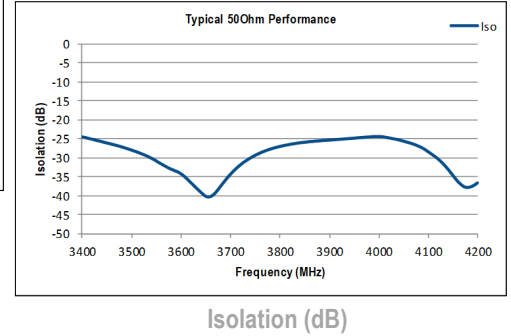
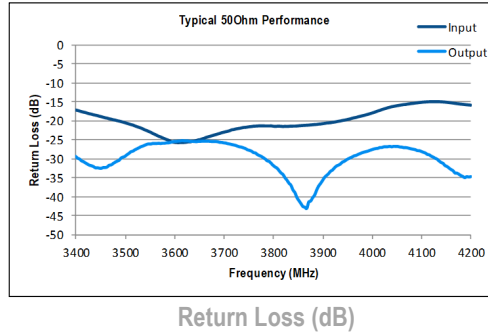
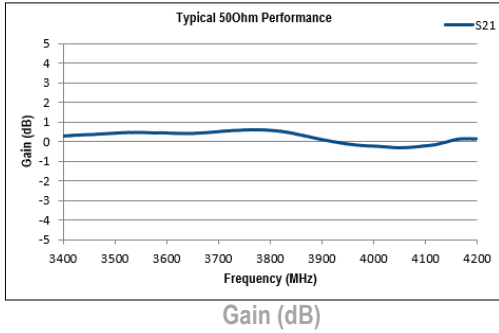




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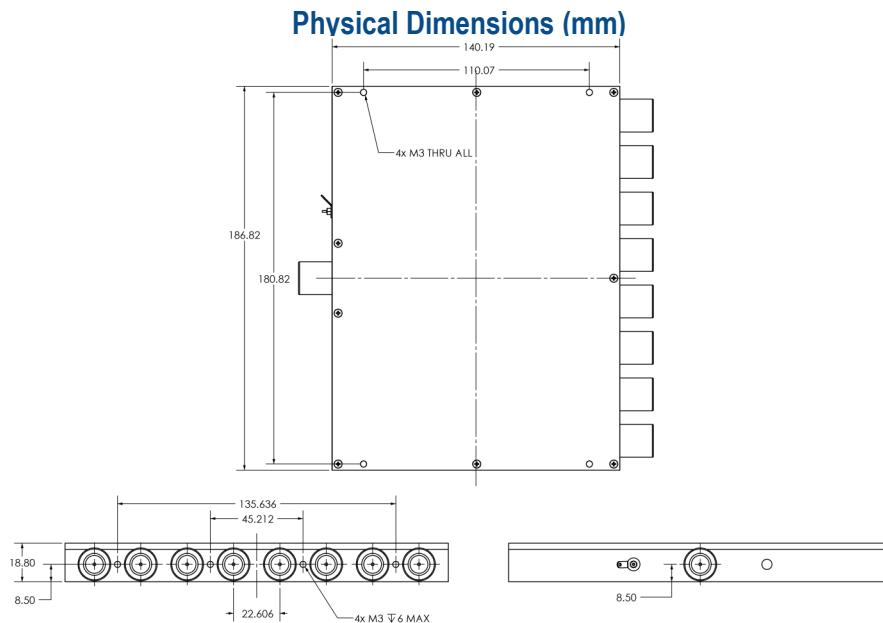
Technical specifications and operating parameters



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 Current	Max	N/A
DC Consumption		100mA Max typical 80mA

! Operation beyond these limits may cause instantaneous and permanent damage.



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.

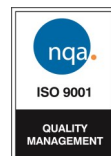
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