

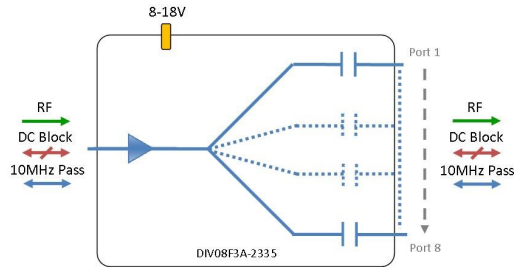


Model Number:
DIV08F3A-2335

RF Components

8-way IF Active Splitter

20 - 200MHz



- 10MHz pass and DC block on all ports
- Requires 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

20 - 200MHz
Operating frequency range.

Note: Image is for reference only



RF Parameters

DIV08F3A-2335-XXXX	S5S5	N5N5	B5B5	B7B7	F7F7
Frequency Range	20—200 MHz				
RF Connectors	50Ω SMA	50Ω N-Type	50Ω BNC	75Ω BNC	75Ω F-Type
Mean Gain (dB)	0 ± 1.2	0 ± 1.2	0 ± 1.2	0 ± 1.5	0 ± 1.5
Flatness ± (dB)	0.5	0.5	0.5	0.75	0.75
Input Return Loss (dB)	Typ.	18	18	18	13
	Min	15	15	15	10
Output Return Loss (dB)	Typ.	20	20	20	15
	Min	17	17	17	12
Output P1dB GCP* (dBm)	Typ.	3	3	3	1
	Min	0	0	0	-2
Isolation (dB)	Typ.	25	25	25	25
Output IP3 (dBm)	Typ.	13	13	13	13
Noise Figure (dB)	Typ.	6	6	6	9
Amplitude Balance (dB)	≤0.5	≤0.5	≤0.5	≤0.7	≤0.7
Phase Balance (Φ)	≤5°	≤5°	≤5°	≤5°	≤5°

*GCP (Gain Compression Point)

Broadcast



Marine Oil & Gas



SNG & VSAT



Satellite Teleport

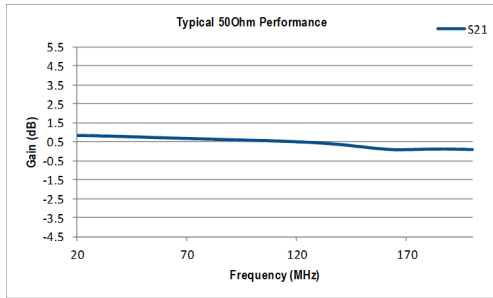




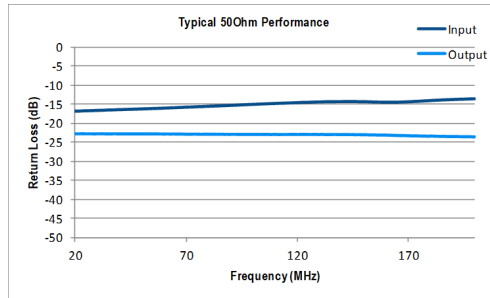
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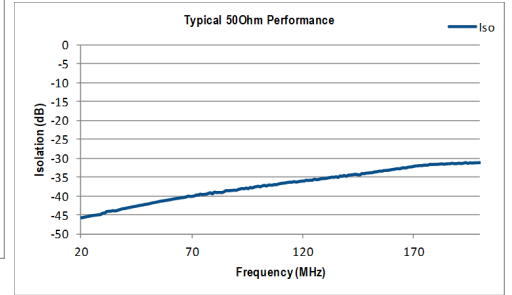
Technical specifications and operating parameters



Gain (dB)



Return Loss (dB)



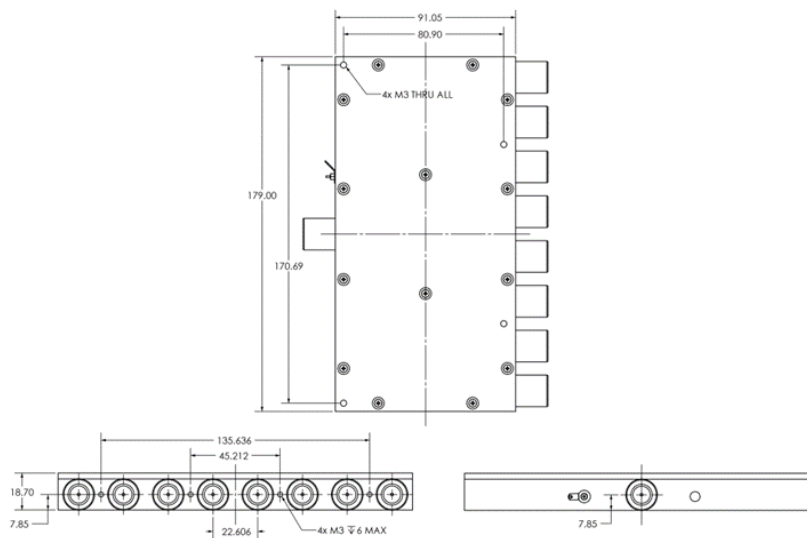
Isolation (dB)

Environmental		
Operating Temperature		0°C to +50°C
Storage Temperature		-40°C to +85°C
Location		Indoor use Only
Humidity	Max	80% non-condensing
Altitude	Max	10,000 feet

Max Operating Parameters	
Input RF Power	16dBm
DC Voltage	24V
DC Consumption	Maximum 100mA, typically 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.

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