

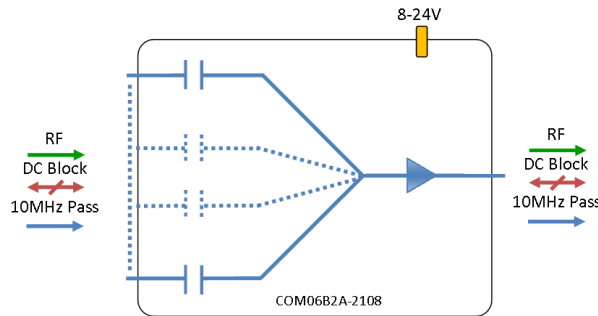


Model Number:
COM06B2A-2108

RF Components

6-Way Broadband Active Combiner

50 - 2150 MHz



- All ports 10MHz pass & DC blocked
- Internal regulator
- Requires 8-24V 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

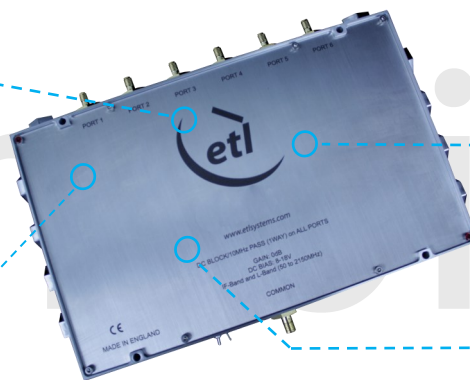
Housed in rugged compact enclosure

Flexible Mounting

Tapped screw & through hole mounting options

8-24V
External DC powering

50-2150 MHz
Operating frequency range. L-Band ready



RF Parameters						
COM06B2A-2108-XXXX		S5S5	N5N5	B5B5	B7B7	F7F7
Frequency Range		50 - 2150 MHz				
RF Connectors		50Ω SMA	50Ω N-Type	50Ω BNC	75Ω BNC	75Ω F-Type
Mean Gain (dB)		0 ± 2	0 ± 2	0 ± 2	0 ± 2	±0 ± 2
Input Return Loss (dB)	Typ.	16	15	14	12	10
	Min	12	12	10	10	7
Output Return Loss (dB)	Typ.	16	15	14	12	10
	Min	12	12	10	10	7
Output P1dB GCP** (dBm)	Typ.	5	5	5	5	5
	Min	2	2	2	2	2
Isolation (dB)	Typ.	16	16	16	16	16
Output IP3(dBm)	Typ.	15	15	15	15	15
Noise Figure (dB)	Typ.	18	18	18	18	18

10MHz Rejection is 20dB*
 *To ports which are applicable
 **GCP (Gain Compression Point)

Broadcast



Marine Oil & Gas



SNG & VSAT



Satellite Teleport

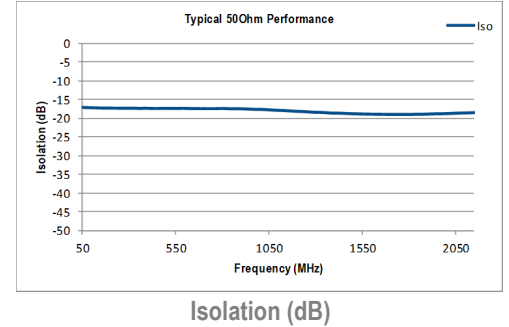
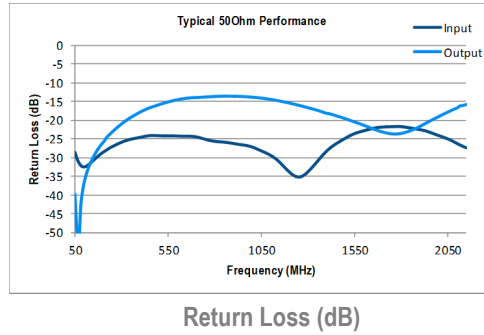
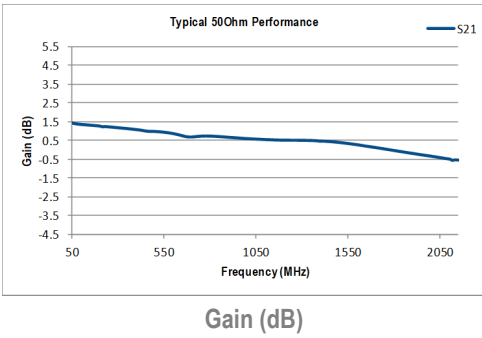




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6-Way Broadband Active Combiner

Technical specifications and operating parameters

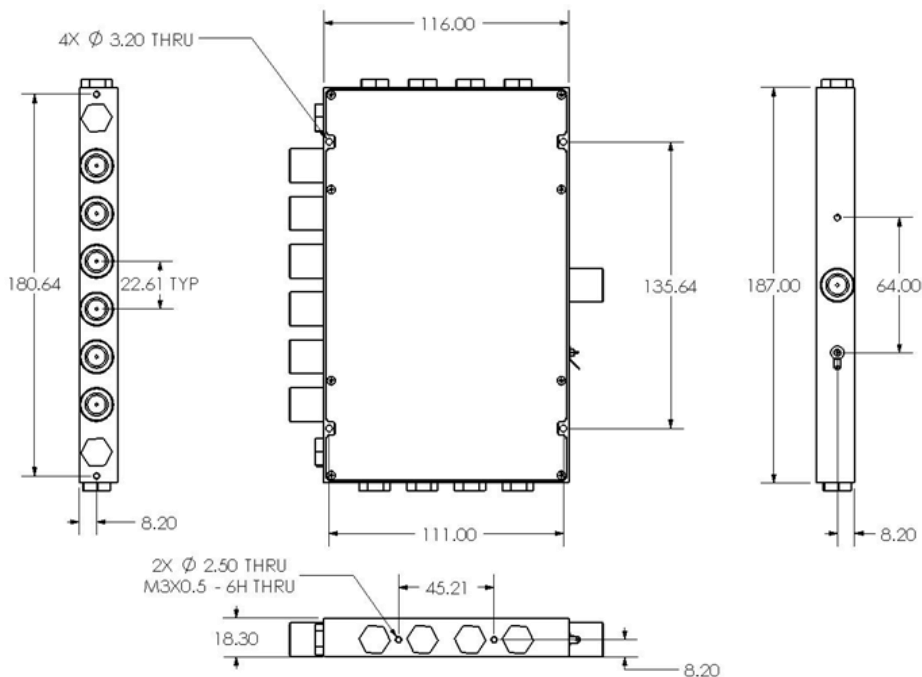


Environmental		
Operating Temperature		0°C to +45°C
Storage Temperature		-20°C to +75°C
Location		Indoor use Only
Humidity	Max	85% non-condensing
Altitude	Max	10,000 feet

Max Operating Parameters	
Input RF Power	30dBm
DC Voltage	24V on any RF port

! 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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