

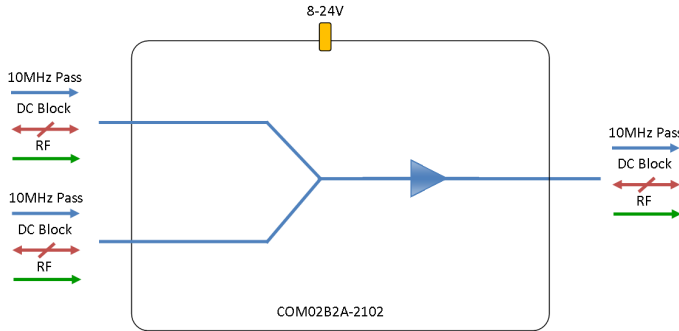


RF Components

2-Way Broadband Active Combiner

50 - 2150 MHz

Model Number:
COM02B2A-2102



- 10 MHz Pass
- Built with integral regulator
- Requires external DC voltage within 8-24V

Available with RF connector options:

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

8-24V
External DC
powering

Compact
Housed in
rugged compact
enclosure

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

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



RF Parameters						
COM02B2A-2102-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	
Flatness ± (dB)	1	1	1	1	1	
Input Return Loss (dB)	Typ.	25	25	25	14	14
	Min	20	20	20	10	10
Output Return Loss (dB)	Typ.	22	22	22	14	14
	Min	19	19	19	10	10
Output P1dB GCP** (dBm)	Typ.	15	15	15	14	14
	Min	12	12	12	11	11
Isolation (dB)	Typ.	15	15	15	15	15
Output IP3(dBm)	Typ.	25	25	25	25	25
Noise Figure (dB)	Typ.	16	16	16	16	16

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

Broadcast



Marine Oil & Gas



SNG & VSAT



Satellite Teleport



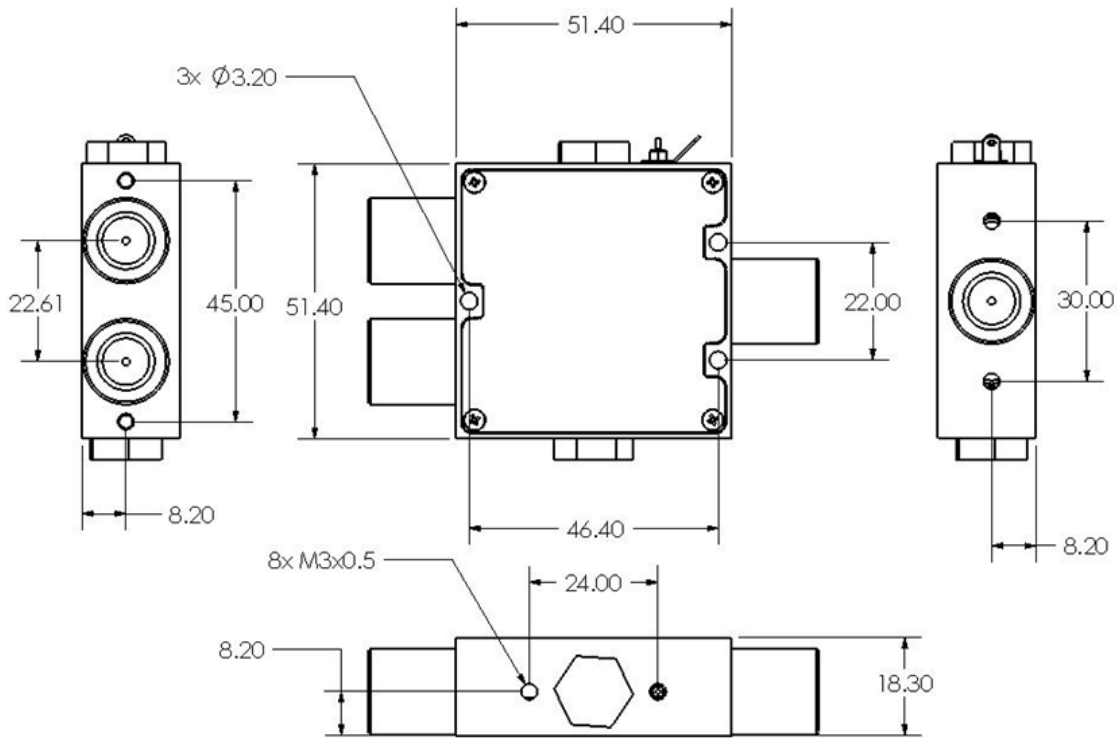
Technical specifications and operating parameters

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	24 dBm
DC Voltage	24V on any RF port
DC Current	N/A
DC Consumption	120mA

! 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.