

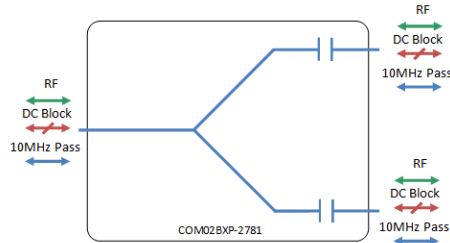


Model Number:
COM02BXP-2781

RF Components

2-Way Broadband Passive Splitter/Combiner

1 - 3000 MHz



- 10MHz Pass
- DC Blocked

Available with RF connector options:

- 50 Ω SMA
- 50 Ω N-type
- 50 Ω BNC



1 - 3000 MHz
Operating frequency range.



Compact
Housed in rugged compact enclosure

Flexible Mounting
Tapped screw & through hole mounting options

RF Parameters				
COM02BXP-2781		S5S5	N5N5	B5B5
Frequency Range		1 - 3000 MHz		
RF Connectors		50 Ω SMA	50 Ω N-Type	50 Ω BNC
Insertion Loss (dB)*		4 \pm 1	4 \pm 1	4 \pm 1
Flatness \pm (dB)		\pm 0.5	\pm 0.5	\pm 0.5
Input Return Loss (dB)	Typ.	24	24	24
	Min	18	18	18
Output Return Loss (dB)	Typ.	24	24	24
	Min	18	18	18
Isolation (dB)	Typ.	6	6	6
Amplitude Balance (dB)		\leq 0.5	\leq 0.5	\leq 0.5
Phase Balance (Φ)		\leq 20 $^\circ$	\leq 20 $^\circ$	\leq 20 $^\circ$
Above theoretical Loss *				
*To ports which are applicable				

Broadcast



Marine Oil & Gas



SNG & VSAT



Satellite Teleport





RF Components

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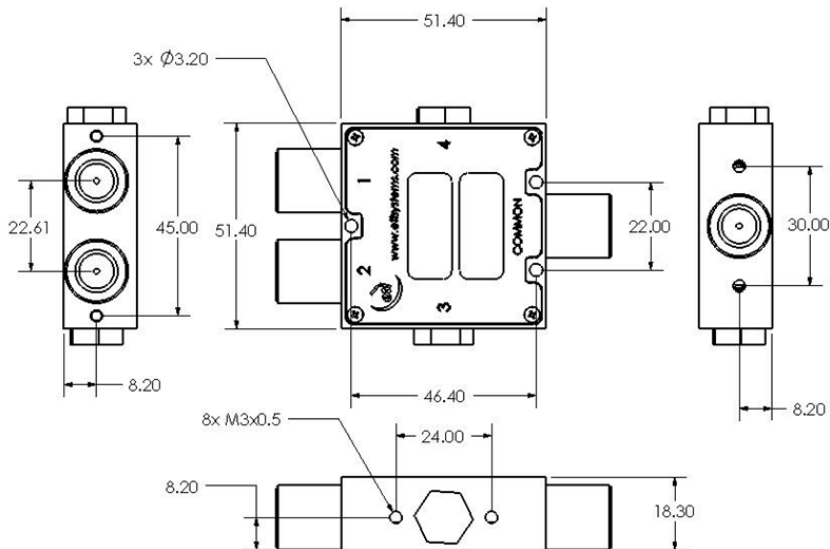
Technical specifications and operating parameters

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	+21 dBm (63mW)
DC Voltage	35V on any RF port
DC Current	Max n/a

! 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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