

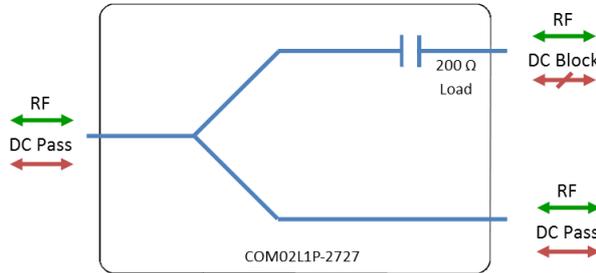


Model Number:  
**COM02L1P-2727**

RF Components

## 2-Way Passive IP67 GPS Splitter/Combiner

1000 - 2000 MHz



- IP67 rated weatherproof, outdoor ready
- Port 1 DC Pass
- Port 2 DC blocked + 200Ω internal load

Available with RF connector options:

- 50 Ω SMA
- 50 Ω N-type



### Compact

Housed in rugged compact enclosure. IP67 rated suitable for use outdoors



**1000 - 2000 MHz**  
Operating frequency range. L-Band ready



Passive

RF Parameters			
COM02L1P-2727-XXXX	S5S5	N5N5	N5N4
Frequency Range	1000 - 2000 MHz		
RF Connectors	50Ω SMA	50Ω N-Type	50Ω N-Type Female to 50Ω N-Type Male
Mean Insertion Loss (dB)	0.2±0.2	0.2±0.2	0.2±0.2
Input Return Loss (dB)	Typ.	20	22
	Min	18	20
Output Return Loss (dB)	Typ.	22	22
	Min	20	20
Isolation (dB)	Typ.	22	22
Amplitude Balance (dB)	≤0.2	≤0.2	≤0.2
Phase Balance (Φ)	≤3°	≤3°	≤3°
The given Insertion Loss specified is the loss above the theoretical limit for a lossless divider			

### Broadcast



### Marine Oil & Gas



### SNG & VSAT



### Satellite Teleport





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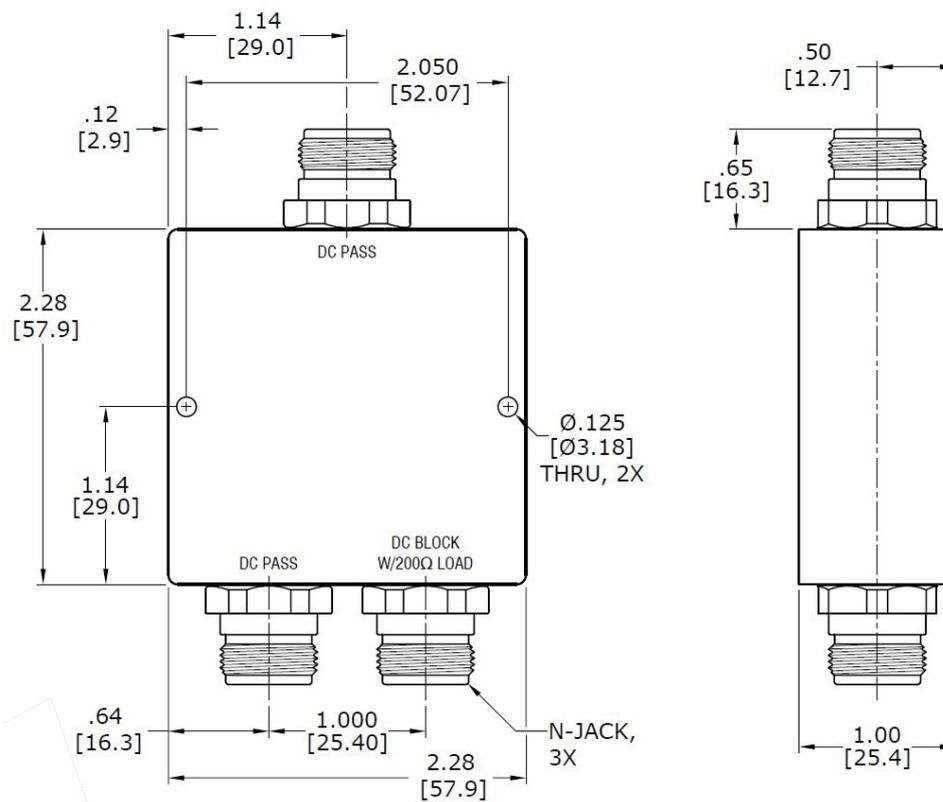
**Technical specifications and operating parameters**

Environmental	
Operating Temperature	-65°C to +85°C
Storage Temperature	-65°C to +105°C
Location	Indoor use Only
Humidity	Max 85% non-condensing
Altitude	Max 10,000 feet

Max Operating Parameters	
Input RF Power into matched load with 20dB return loss	+43dBm (20W) as a splitter +27dBm (500mW) as a combiner
DC Voltage	Max 10V on any RF ports
DC Current	Max 50mA
DC Consumption	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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