

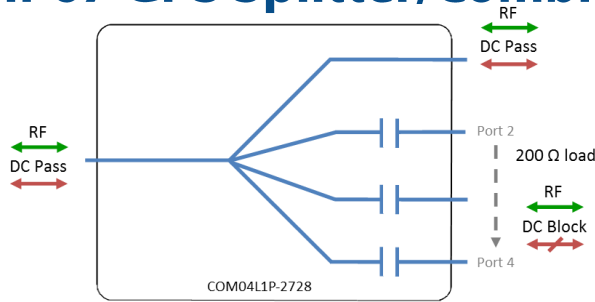


Model Number:  
**COM04L1P-2728**

RF Components

# 4-Way Passive IP67 GPS Splitter/Combiner

**1000 - 2000 MHz**



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

Available with RF connector options:

- 50 Ω SMA
- 50 Ω N-type

**Compact**  
Housed in rugged compact IP67 rated enclosure suitable for use outdoors



Passive

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



RF Parameters			
COM04L1P-2728-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)	0.4±0.2	0.4±0.2	0.4±0.2
Input Return Loss (dB)	Typ.	19	20
	Min	16	17
Output Return Loss (dB)	Typ.	23	23
	Min	20	20
Isolation (dB)	Typ.	22	22
Amplitude Balance (dB)	≤0.3	≤0.3	≤0.3
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





RF Components

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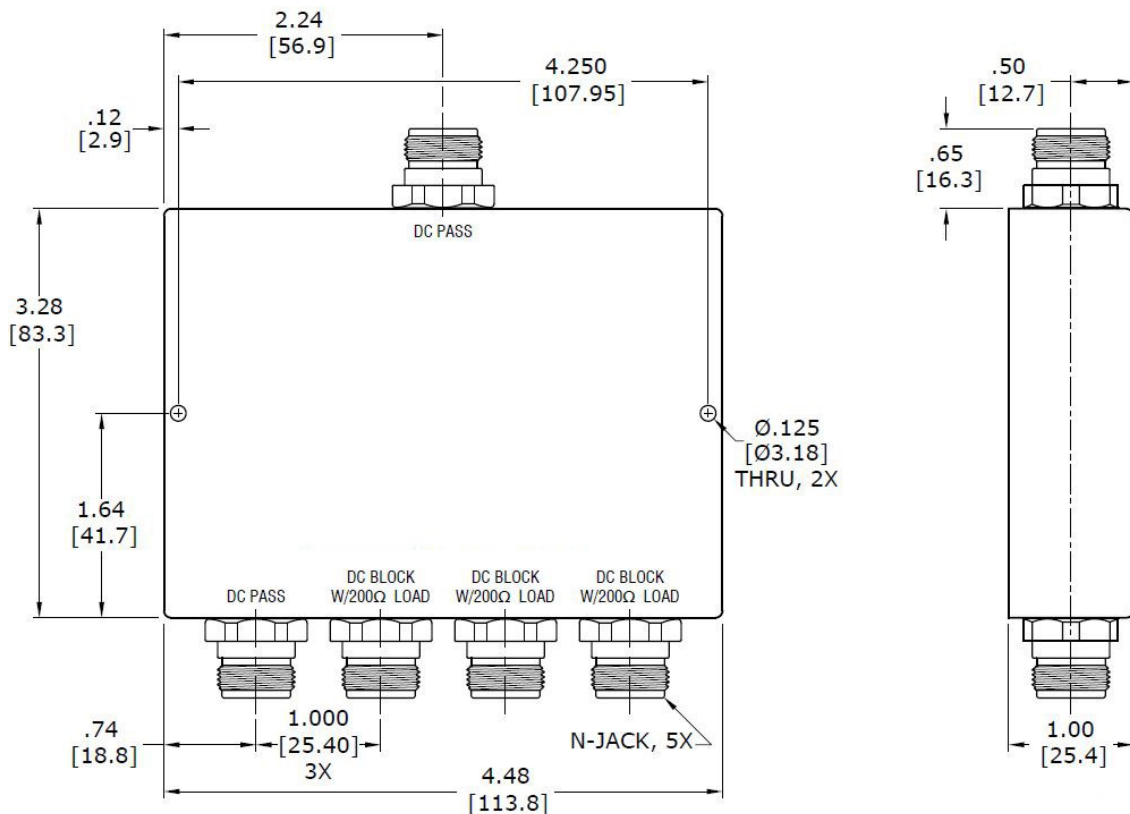
**Technical specifications and operating parameters**

Environmental	
Operating Temperature	-65°C to +85°C
Storage Temperature	-65°C to +105°C
Location	Indoor/Outdoor use
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 +30dBm (1W) as a combiner
DC Voltage	Max 10V on any RF ports
DC Current (Max.)	50mA on DC block ports
	200mA between input and DC pass output
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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