RF Components

4-Way Passive IP67 GPS Splitter/Combiner

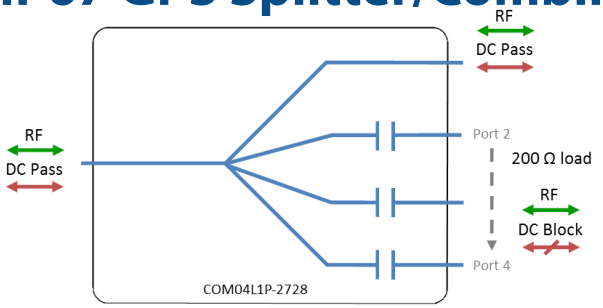
Model Number: COM04L1P-2728

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

IP67

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

Passive

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	19	20
	Min	16	16	17
Output Return Loss (dB)	Typ.	23	23	23
	Min	20	20	20
Isolation (dB)	Typ.	22	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

Model Number:
COM04L1P-2728
4-Way Passive IP67 GPS Splitter/Combiner

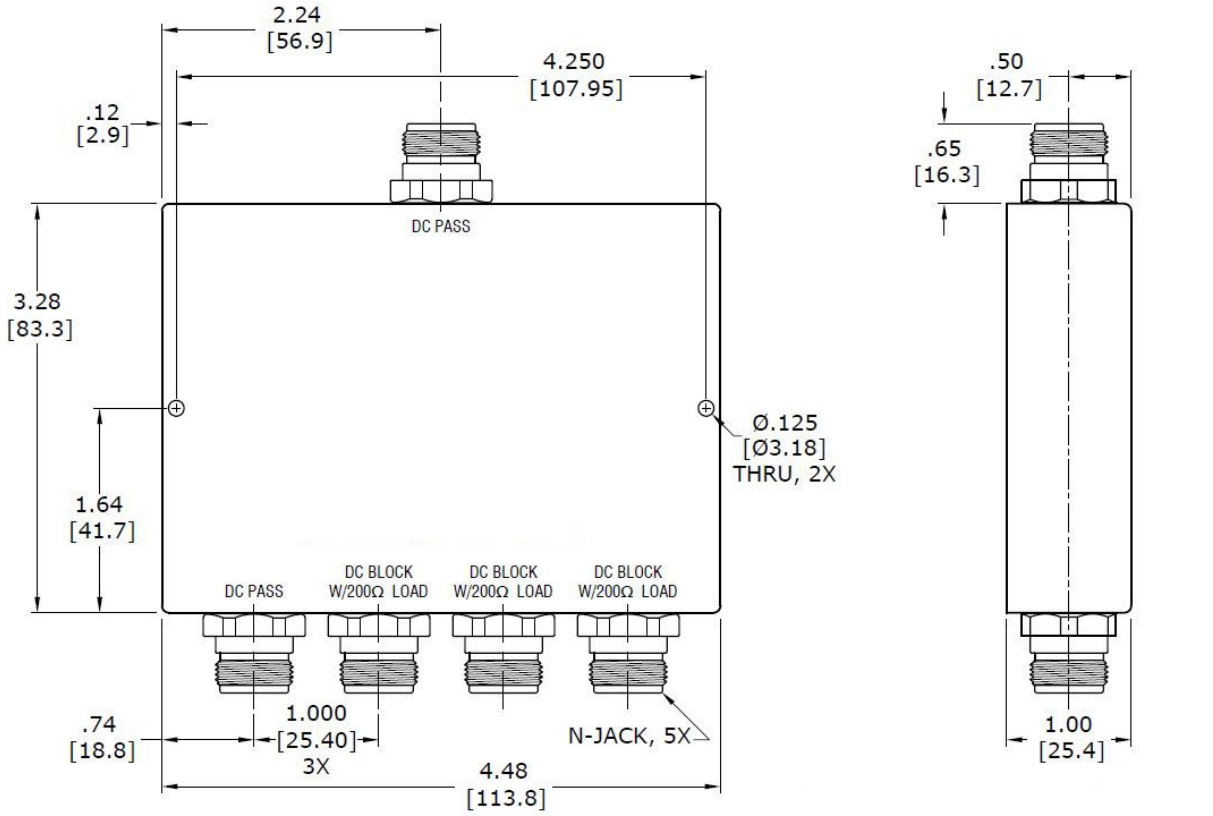
Technical specifications and operating parameters

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
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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