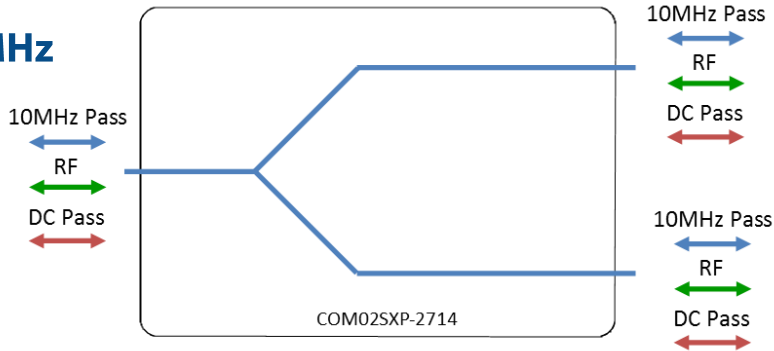




RF Components

## 2-Way ODU Passive S-Band Splitter/Combiner

700 - 2700 MHz



Model Number:  
**COM02SXP-2714**

- IP 67 weatherproof suitable for outdoor use
- Available with RF connector options:
- 50 Ω SMA
  - 50 Ω N-type



**700-2700 MHz**  
Operating frequency range. S-Band ready

**Compact** Housed in rugged compact enclosure IP 67 rated for outdoor use

Passive

RF Parameters		
COM02SXP-2714-XXXX	S5S5	N5N5
Frequency Range	700 - 2700 MHz	
RF Connectors	50Ω SMA	50Ω N-Type
Mean Insertion Loss (dB)	0.2±0.2	0.2±0.2
Flatness ± (dB)	0.3	0.3
Input Return Loss (dB)	Typ.	20
	Min	16
Output Return Loss (dB)	Typ.	20
	Min	16
Isolation (dB)	Typ.	22
Amplitude Balance (dB)	≤0.2	≤0.2
Phase Balance (Φ)	≤2°	≤2°

The given Insertion Loss specified is the loss above the theoretical limit for a lossless divider  
 10MHz Insertion Loss is up to 3dB above the theoretical loss\*  
 10MHz Rejection is 20dB\*  
 \*To ports which are applicable

**Broadcast**



**Marine Oil & Gas**



**SNG & VSAT**



**Satellite Teleport**



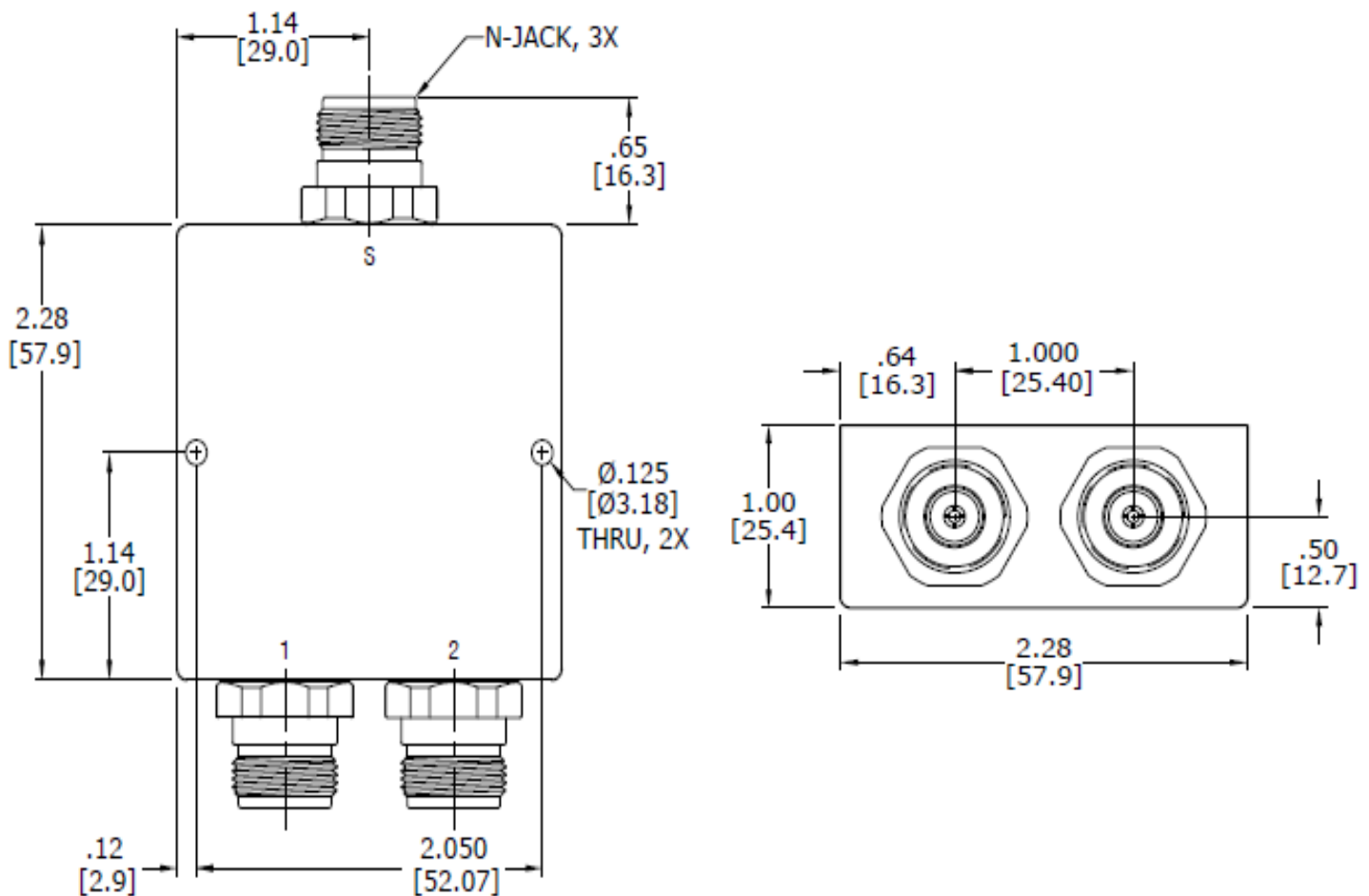
**Technical specifications and operating parameters**

Environmental		
Operating Temperature	-65°C to +85°C	
Storage Temperature	-65°C to +85°C	
Location	Indoor or Outdoor Use	
Altitude	Max	10,000 feet

Max Operating Parameters	
Input RF Power	40W (46dBm)
DC Voltage	N/A
DC Current	N/A
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.