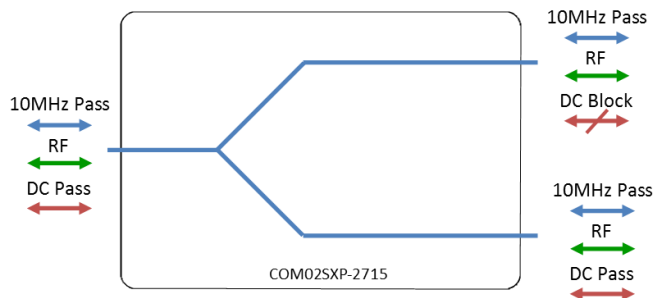




RF Components

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

700 - 2700 MHz



Model Number:  
**COM02SXP-2715**

- IP67 water and weatherproof suitable for outdoor use.
- Port 1 DC blocked, port 2 DC Pass
- All ports 10MHz Pass

Available with RF connector options:

- 50  $\Omega$  SMA
- 50  $\Omega$  N-type



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



**Compact**  
Housed in  
rugged compact  
enclosure

Passive

RF Parameters		
COM02SXP-2715-XXXX	S5S5	N5N5
Frequency Range	700 - 2700 MHz	
RF Connectors	50 $\Omega$ SMA	50 $\Omega$ N-Type
Mean Insertion Loss (dB)	0.2 $\pm$ 0.2	0.2 $\pm$ 0.2
Flatness $\pm$ (dB)	0.4	0.4
Input Return Loss (dB)	Typ.	20
	Min	16
Output Return Loss (dB)	Typ.	22
	Min	16
Isolation (dB)	Typ.	22
Amplitude Balance (dB)	$\leq$ 0.2	$\leq$ 0.2
Phase Balance ( $\Phi$ )	$\leq$ 2°	$\leq$ 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



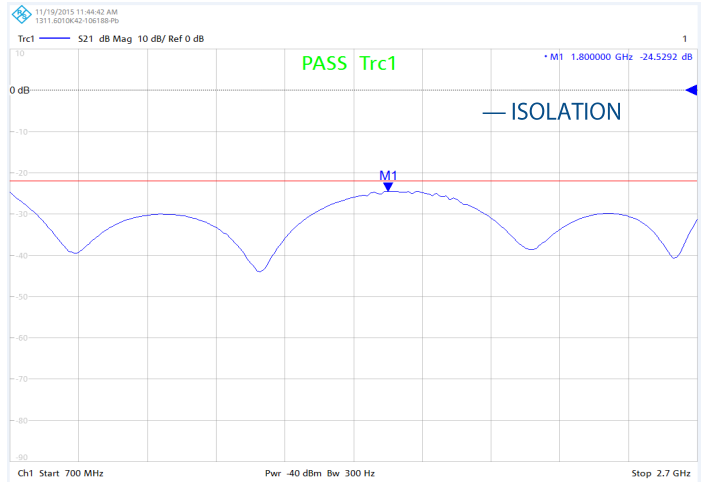
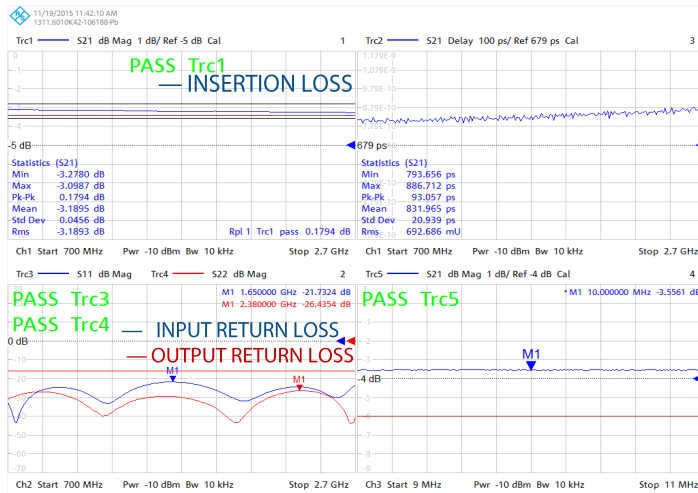
### SNG & VSAT



### Satellite Teleport



### Technical specifications and operating parameters



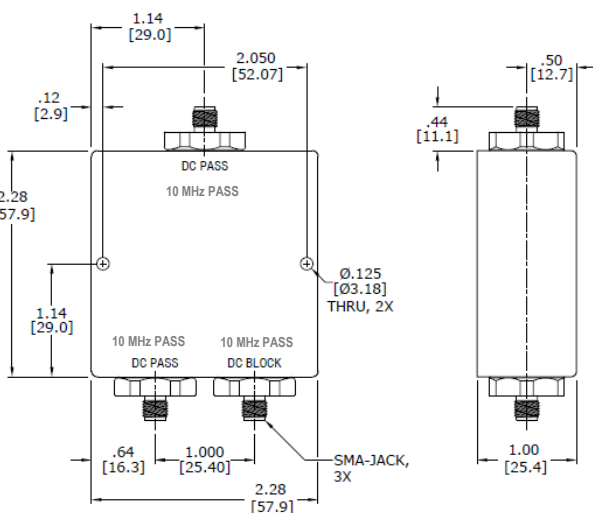
Environmental	
Operating Temperature	-65°C to +85°C
Storage Temperature	-65°C to +85°C
Location	Indoor or Outdoor use
Altitude	Max 10,000 feet

Max Operating Parameters	
Input RF Power	40W (46dBm)
DC Voltage	50V
DC Current	N/A
DC Consumption	N/A

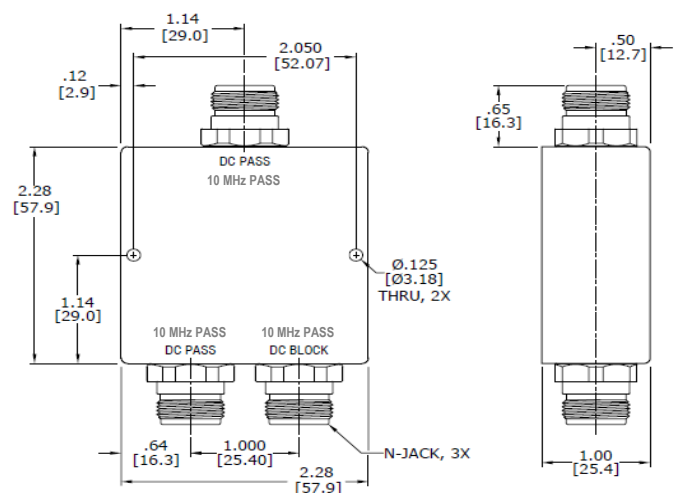
! Operation beyond these limits may cause instantaneous and permanent damage.

### Physical Dimensions (mm)

#### 50 Ohm SMA



#### 50 Ohm N-Type



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.