

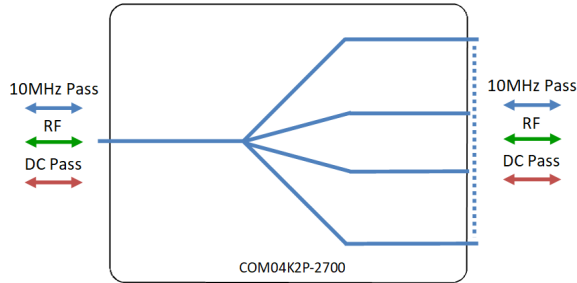


RF Components

4-Way KU-Band Passive Splitter/Combiner

10-15GHz

Model Number:
COM04K2P-2700

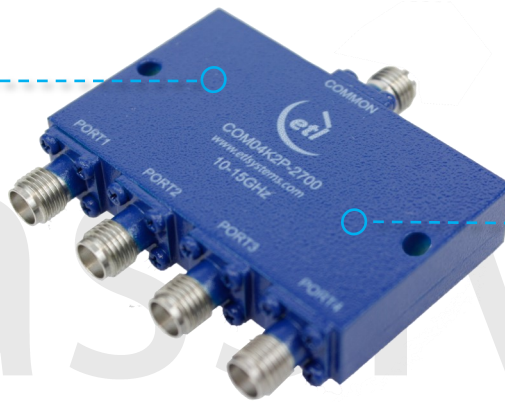


Available with RF connector options:

- 50 Ω SMA
- 50 Ω N-Type



10-15 GHz
Operating frequency range.



Compact
Housed in rugged compact enclosure

Passive

RF Parameters			
COM04K2P-2700-XXXX	S5S5	N5N5	N5S5
Frequency Range	10 - 15 GHz		
RF Connectors	50Ω SMA	50Ω N-Type	50Ω N-Type - Common 50Ω SMA - Ports 1-4
Mean Insertion Loss (dB)	0.8 ± 0.4	1.0 ± 0.1	0.85 ± 0.15
Input Return Loss (dB)	Typ.	20	15
	Min	15	12
Output Return Loss (dB)	Typ.	20	16
	Min	15	14
Isolation (dB)	Typ.	22	20
	Min	17	18
Amplitude Balance (dB)	≤ ± 0.5	≤ ± 0.3	≤ ± 0.6
Phase Balance (Φ)	≤ ± 8°	≤ ± 6°	≤ ± 5°
The given Insertion Loss specified is the loss above the theoretical limit for a lossless divider			

Broadcast



Marine Oil & Gas



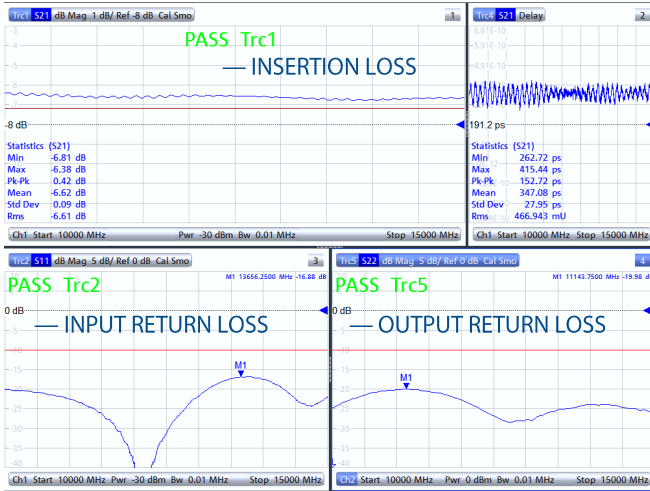
SNG & VSAT



Satellite Teleport



Technical specifications and operating parameters



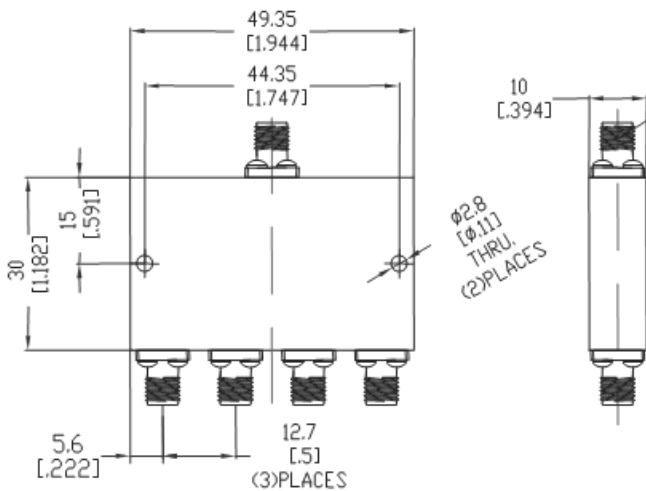
Environmental	
Operating Temperature	-45°C to +85°C
Storage Temperature	-45°C to +85°C
Location	Indoor use Only
Humidity	Max 85% non-condensing
Altitude	Max 10,000 feet

Max Operating Parameters	
Input RF Power	30W as Splitter 1W as Combiner
DC Voltage	N/A
DC Current	N/A

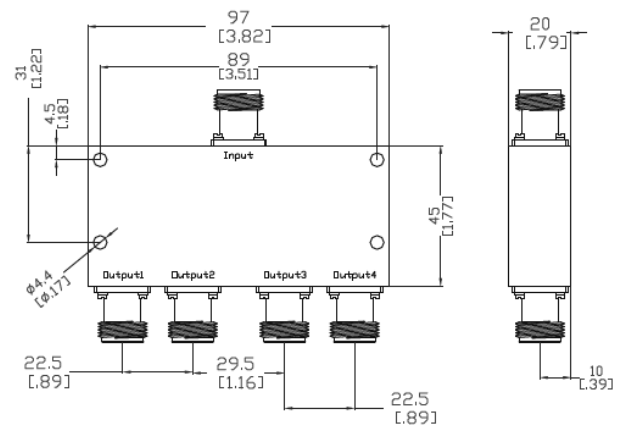
! Operation beyond these limits may cause instantaneous and permanent damage.

Physical Dimensions (mm)

50Ω SMA



50Ω 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.