RF Components

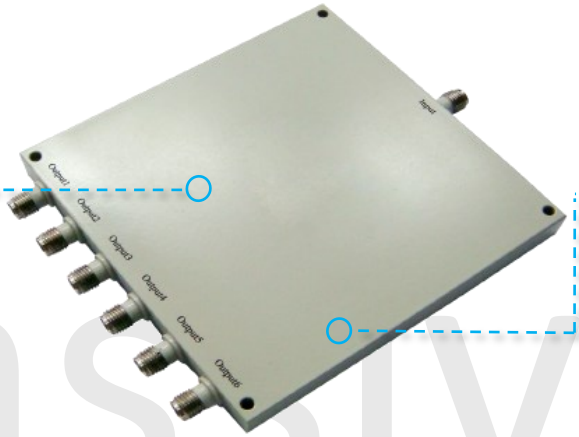
Model Number:
COM06KXP-2772

6-Way Wideband Passive Splitter/Combiner

26-40 GHz

Available with RF connector options:
- 50 Ω 2.92mm K connectors

1-26 GHz
Operating frequency range.



Compact
Housed in rugged compact enclosure

Passive

RF Parameters		
COM06KXP-2772-XXXX		K5K5
Frequency Range		26 - 40 GHz
RF Connectors		50Ω 2.92mm K connector
Mean Insertion Loss (dB)		1.6 ± 1
Input Return Loss (dB)	Typ.	12
	Min	9
Output Return Loss (dB)	Typ.	14
	Min	10
Isolation (dB)	Typ.	20
	Min	14
Amplitude Balance (dB)		≤ ± 0.8
Phase Balance (Φ)		≤ ± 10°
The given Insertion Loss specified is the loss above the theoretical limit for a lossless divider of 7.8 dB		

Broadcast

Marine Oil & Gas

SNG & VSAT

Satellite Teleport

RF Components

Model Number:
COM06KXP-2772
6-Way wideband Passive Splitter/Combiner

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	85% non-condensing
Altitude	10,000 feet

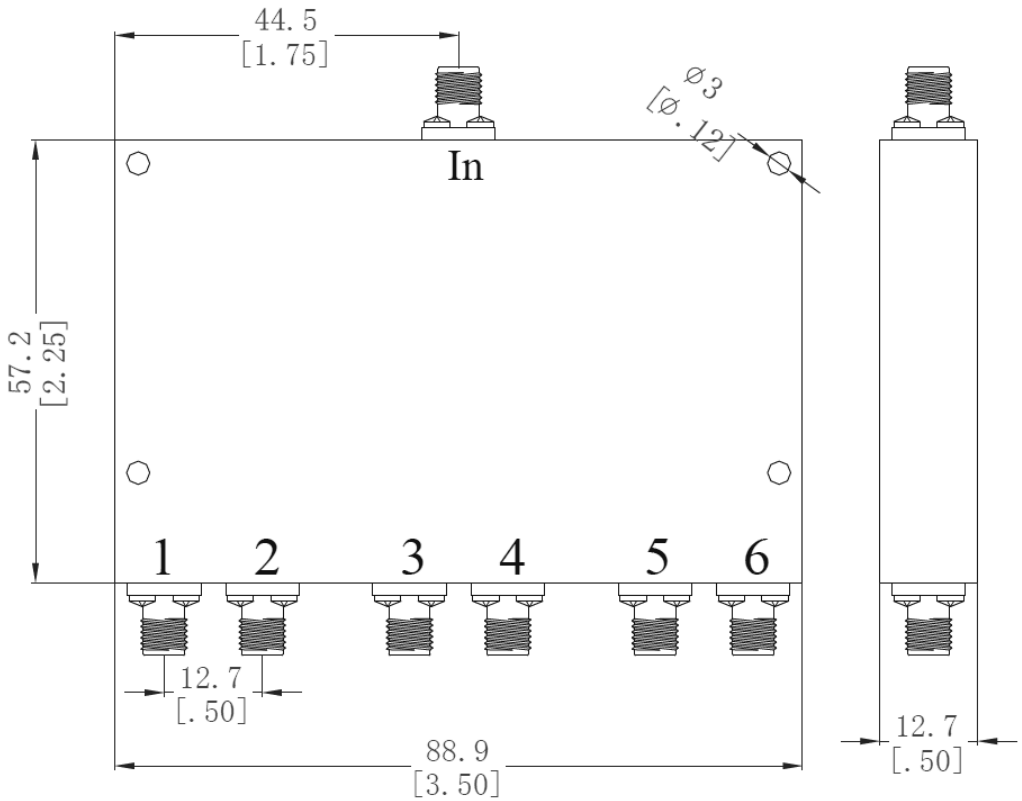
Max

Max

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 (± 0.3mm)



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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