



COM08K2P-2649

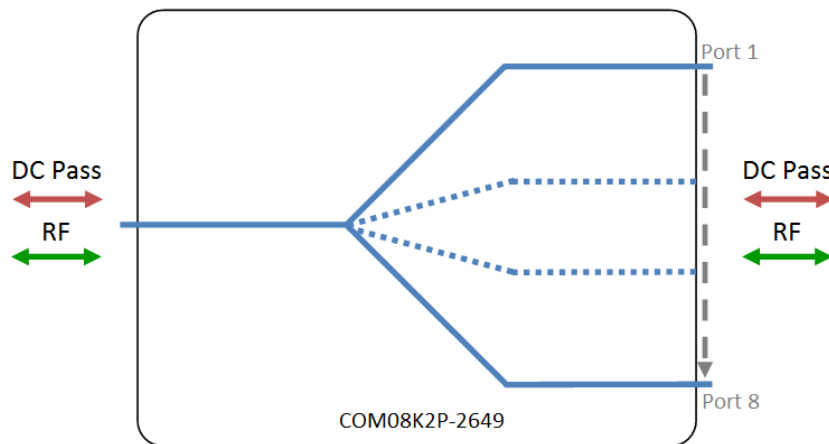
RF Engineering &
Custom Build

8-way Ku-band passive splitter/combiner

COM08K2P-2649 is a 8-way passive Ku Band (10-15 GHz) splitter or combiner with DC pass on all ports.

This component is available with the following RF connector options: 50 Ω SMA, N-type.

Vector diagram



COM08K2P-2649

RF Parameters

COM08K2P-2649	S5S5
Frequency Range	10-15 GHz
RF Connectors	50Ω SMA
Insertion Loss	1.3dB max
Input Return Loss	11 dB min
Output Return Loss	11 dB min
Isolation Typical (dB)	15 dB min
Phase & Amplitude Misalignment	12 Φ
	0.5 dB

* The quoted insertion loss is loss above theoretical due to power split. For 2-way splitters theoretical value is 3dB. Typical values may vary between different production batches.

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SATELLITE TELEPORT





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Environmental

Operating Temperature	0°C to 45°C
Storage Temperature	-20°C to 75°C
Location	Indoor use Only
Humidity	85% non-condensing
Altitude	10,000 feet

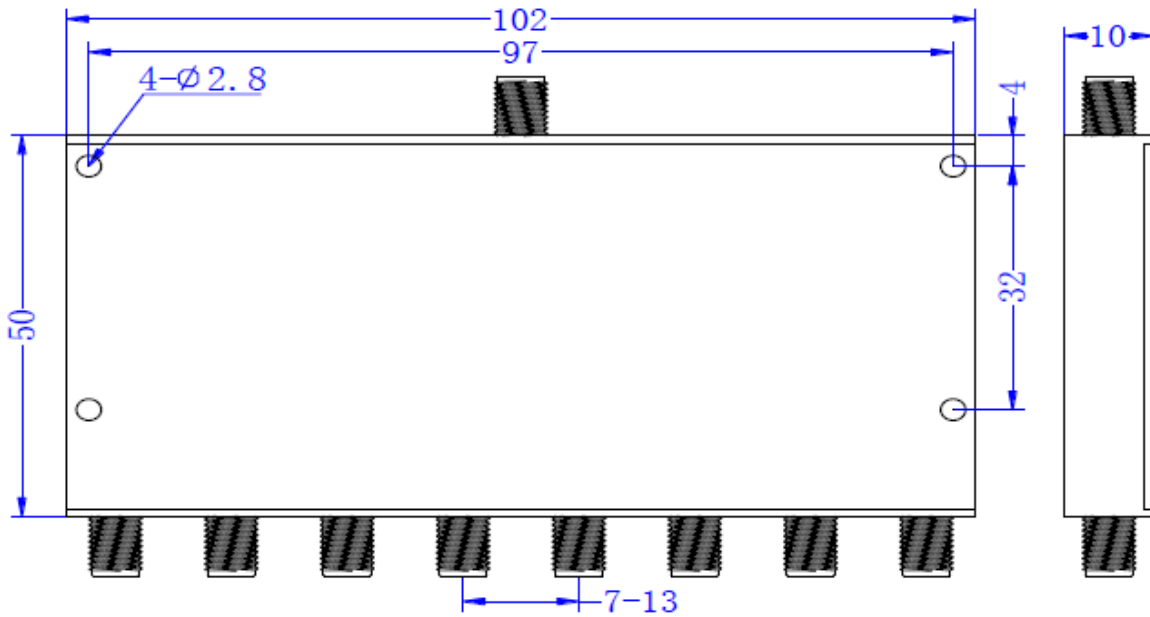
Max Operating Parameters

Input RF Power*	44 dBm (30 W) as a splitter
DC Current & voltage	24V and 3A Max

* Power rating is for Load Return loss 20 dB or better.

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

Physical dimensions



*All dimensions are in mm

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