



COM04K2P-2648

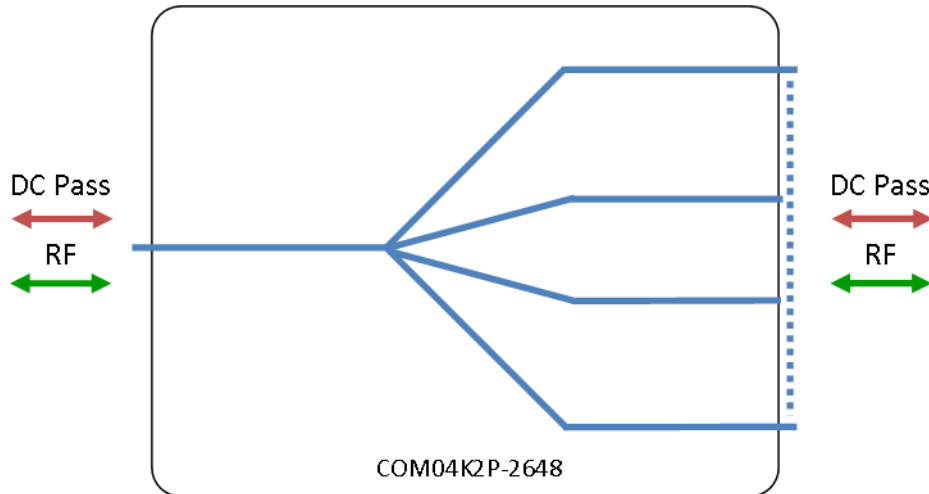
RF Engineering &
Custom Build

4-way Ku-band passive splitter/combiner

COM04K2P-2648 is a 4-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 and N-type.

Vector diagram



RF Parameters

COM04K2P-2648	S5S5
Frequency Range	10-15 GHz
RF Connectors	50Ω SMA
Insertion Loss	1 dB max
Input Return Loss	14 dB min
Output Return Loss	14 dB min
Isolation	16 dB min
Phase & Amplitude Misalignment	8 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.

BROADCAST



MARINE OIL & GAS



SNG & VSAT



SATELLITE TELEPORT





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Environmental

Operating Temperature	-55°C to 85°C
Storage Temperature	-55°C to 85°C
Location	Indoor use Only
Humidity	85% non-condensing
Altitude	10,000 feet

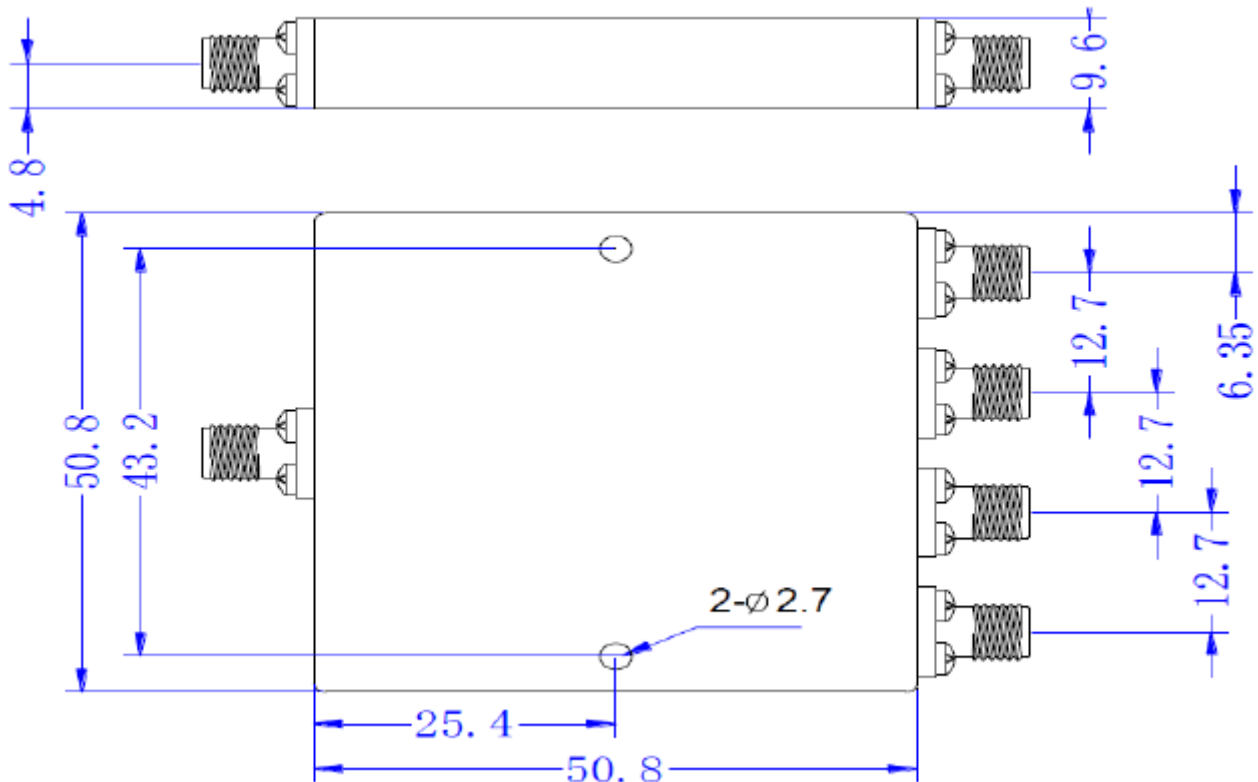
Max Operating Parameters

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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