

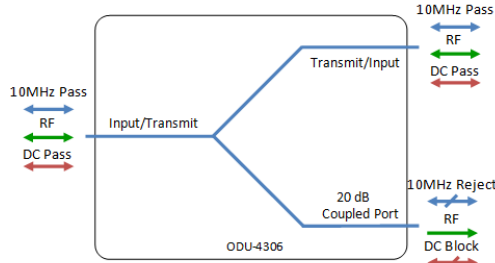


RF Components

Model Number:
ODU-4306

IP67 L-band Directional Coupler

850-2150 MHz



- Coupled port is DC blocked
- 20 dB coupling

Available with RF connector options:

- 50 Ω SMA
- 50 Ω N-type



850-2150 MHz
Operating frequency range. L-band ready.



Compact
Housed in rugged compact enclosure*



Flexible Mounting
Through hole mounting options

RF Parameters			
	ODU-4306	S5S5S5	N5N5N5
	Frequency Range	850 – 2150 MHz	
	RF Connectors	50 Ω SMA	50 Ω N-Type
Through Path	Mean Insertion Loss (dB)	1.1	1.1
	Flatness (dB)	± 0.4	± 0.4
	Input Return Loss (dB)	20	18
		15	14
	Output Return Loss (dB)	20	18
		15	14
Coupled Port	Mean Coupling Factor (dB)	20 $\pm$ 1.0	20 $\pm$ 1.5
	Flatness (dB)	± 1.5	± 1.5
	Return Loss (dB)	20	18
		12	12
	Directivity (dB) Typ.	14	14
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





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Model Number:
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Technical specifications and operating parameters

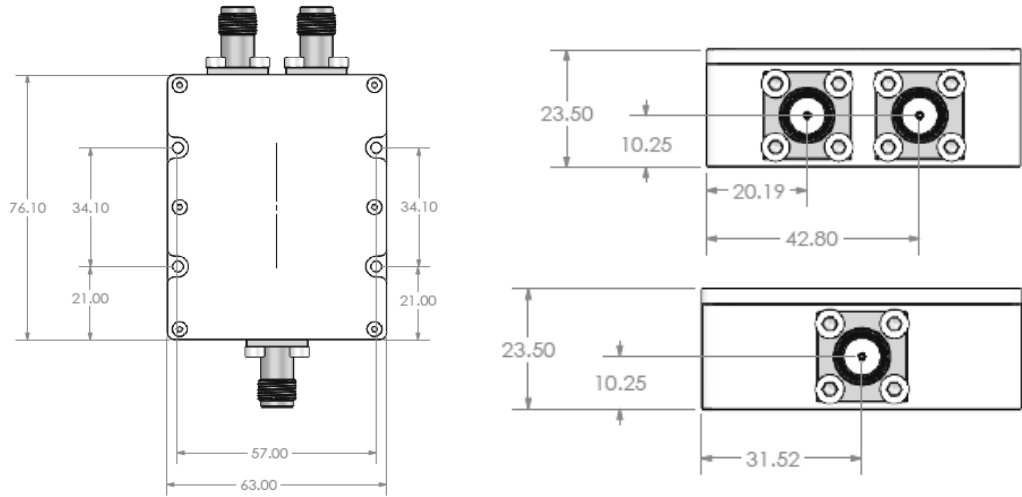
Environmental		
Operating Temperature		-40°C to +85°C
Storage Temperature		-50°C to +100°C
Location		Indoor / Outdoor IP67* use
Humidity	Max	95% non-condensing
Altitude	Max	10,000 feet

Max Operating Parameters	
Input RF Power	+37 dBm 5W
DC Pass Current	500 mA
DC Voltage	35V on any RF port

*IP67 integrity is maintained by populating all ports with sufficiently rated connectors and that unused ports have IP67 terminators or dust caps when awaiting connection. Dust caps are not sold with this product.

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

Physical Dimensions (mm)



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