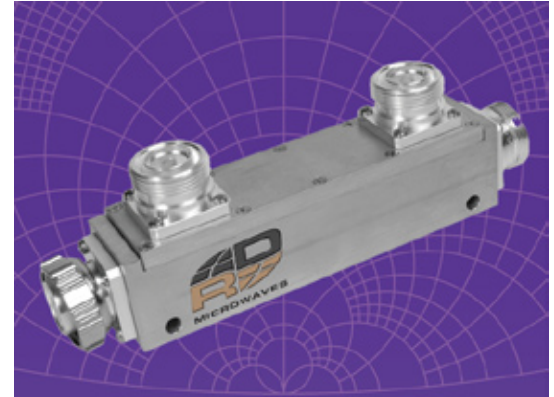


# Single Directional Coupler

**Model C1-A07, 4,7 dB**

Two section, single directional airline (slabline) coupler

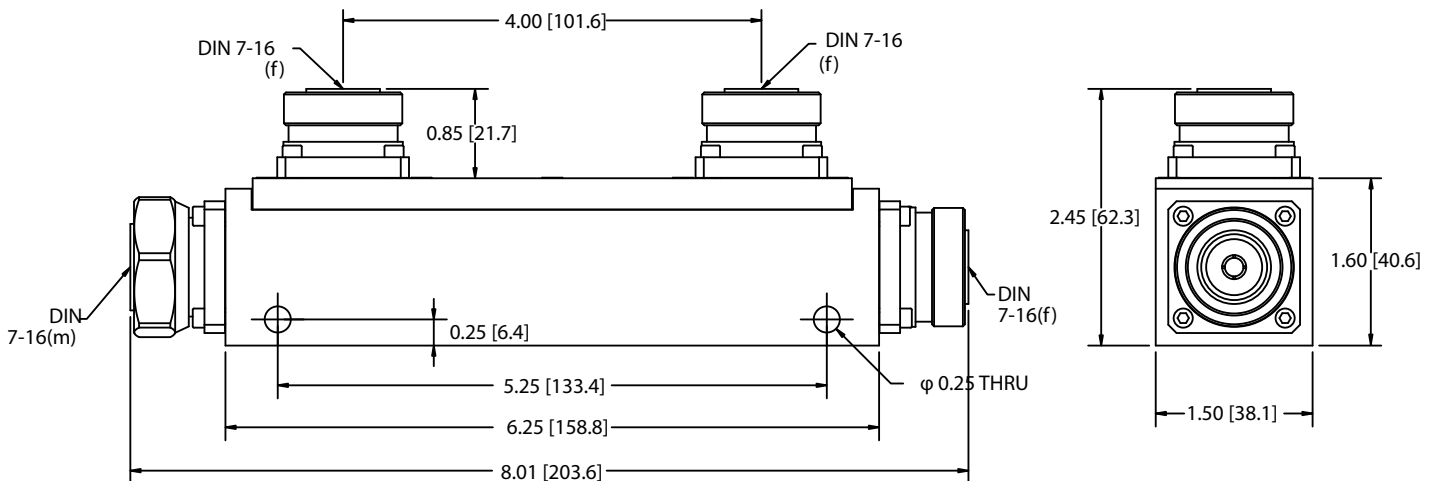
Model	C1-A07	
Frequency range	800 - 2200 MHz	
Coupling	4.7 dB $\pm$ 0.5 dB	
VSWR	In/Out	Coupled
	1.2	1.2
Power Rating	500W Avg. peak 3k	
Directivity	20 dB Min.	
Impedance	50 $\Omega$	
Intermodulation PIM	150 dBc	
Connectors	7-16 DIN male/female, Type N female	
Material:		
Housing	Passivated Aluminium	
Inner Conductor & Connectors	Brass, Silver Plated	
Profile cross-section	204 x 112 mm (8" x 4.4")	
Weight approx	0.8 kg (1.8 lb)	



R&D Microwaves airline directional coupler has been designed for indoor applications covering 800 to 2200 MHz. This coupler samples a defined fraction of signal with minimal reflection or loss. The extremely wide frequency range allows use with multiband antennas, leaky cable system and distributed antenna systems. Low loss dielectric combined with minimal solder joints minimizes the dissipative loss and enhances reliability.

**Made in USA.**

- Flat response 800 to 2200 MHz
- Minimal RF Insertion Loss
- Rugged, High Reliability
- Low PIM
- 500W Average Main Line Power
- ROHS Compliant

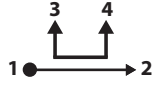


DIMENSIONS: in [mm]  
TOLERANCE: 0.03 [0.8]

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email: sales@rdmicrowaves.com



# C1-A07 CouplerSingle Directional

Test Data

