
PRODUCT DATA SHEET
C5334

4-Port Dual Directional Coupler employs two, 3-Port Uni-Directional Couplers, internally connected, in tandem, providing measurement of both forward and reverse power. Ideal for simultaneously monitoring a system's forward and reverse power and for reflectometer measurements. Unlike the Bi-Directional Coupler, the directivity of the Dual Directional Coupler is unaffected by the loads on the coupled ports.

Electrical Specifications:

Frequency: 100 - 500 MHz
Power: 2000 W CW
Coupling: 40 ± 1.0 dB Max.
Insertion Loss: 0.2 dB Max.
Flatness: ± 0.3 dB Max.
VSWR (ML): 1.20:1 Max.
Directivity: 20 dB Min.

Mechanical Specifications:

Type: Connectorized
Material: Aluminum 6061-T6
Surface Finish: Chem. Film Per MIL-DTL-5541F
Type I Class 3 (Yellow Iridite)
RoHS Compliant Available
Operating Temperature: -55°C to +75°C
Storage Temperature: -60°C to +85°C
Humidity: 95% Non-Condensing
Size: 3.0 x 3.0 x 1.09"

Connector Configurations:

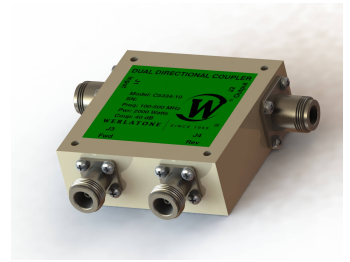
Model	Input (J1)	Output (J2)	Fwd (J3)	Rev (J4)
C5334-10	N Female	N Female	N Female	N Female
C5334-12	N Female	N Female	SMA	SMA
C5334-13	N Female	N Female	BNC	BNC
C5334-20*	7/16 Female	7/16 Female	7/16 Female	7/16 Female
C5334-22*	7/16 Female	7/16 Female	SMA	SMA
C5334-23*	7/16 Female	7/16 Female	BNC	BNC
C5334-43	SC Female	SC Female	SMA	SMA
C5334-622*	7/16 Female	7/16 Male	SMA	SMA
C5334-627*	7/16 Female	7/16 Male	N Female	N Female
C5334-745	SC Male	SC Female	SMA	SMA

(7/16-F Main Line connector option increases size to 3.0 x 3.0 x 1.59")



WERLATONE

Model C5334

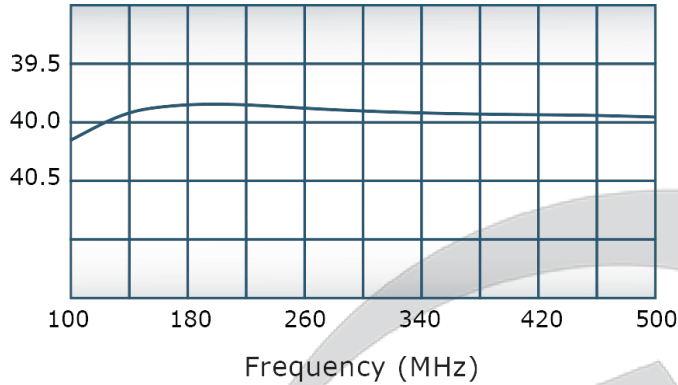


PRODUCT DATA SHEET

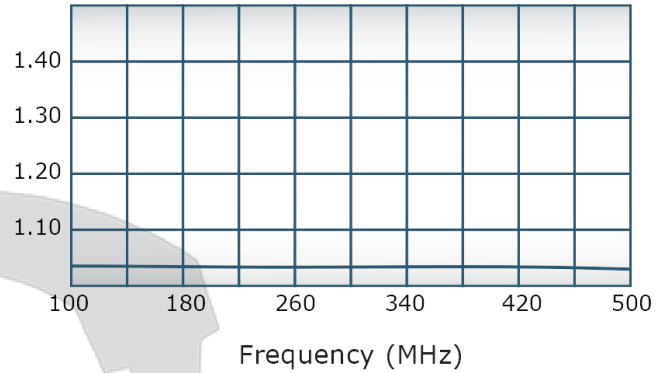
C5334

Performance Data (Specifications subject to change without notice):

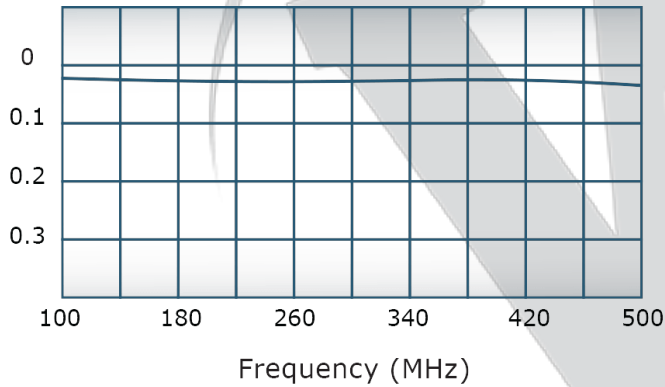
Coupling:



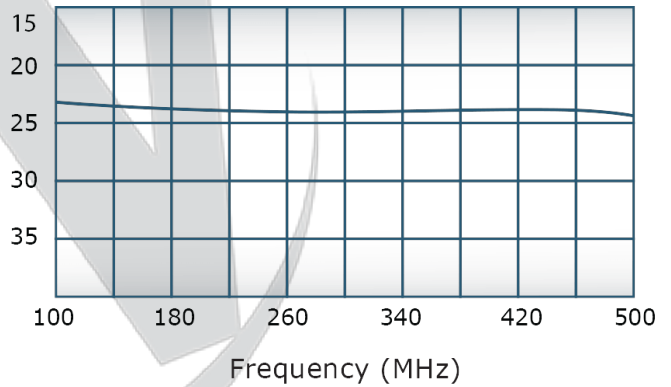
VSWR:



Insertion Loss:



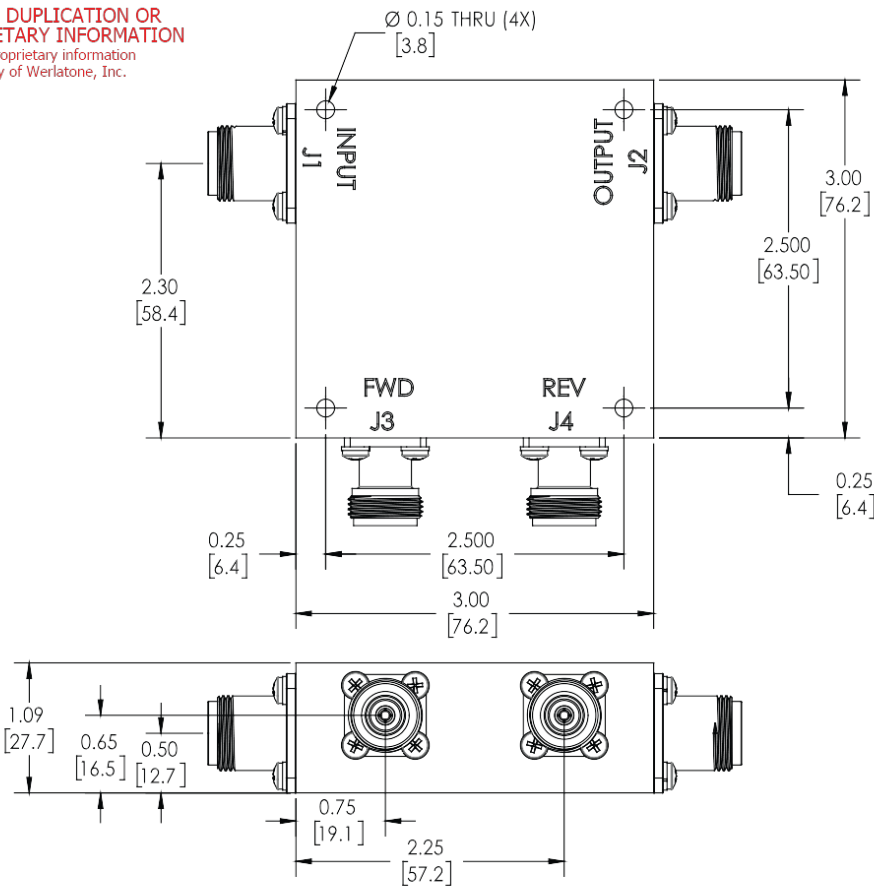
Directivity:



Restriction on use, duplication, or disclosure of proprietary information. This document contains proprietary information which is the sole property of Werlatone, Inc.

Werlatone, Inc. 17 Jon Barrett Road Patterson, NY 12563 T:(845)278-2220 F:(845)278-3440 sales@werlatone.com www.werlatone.com

RESTRICTION ON USE, DUPLICATION OR DISCLOSURE OF PROPRIETARY INFORMATION
This document contains proprietary information which is the sole property of Werlatone, Inc.



REVISION HISTORY			
REV.	REVISION RECORD	DATE	APPROVED
A	ECN 9696	11/27/18	RB

NOTES: UNLESS OTHERWISE SPECIFIED

- MATERIAL: ALUMINUM 6061-T6**
- FINISH: CHEM FILM PER MIL-DTL_5541F TYPE I CLASS 3 (YELLOW IRIDITE)**

		UNLESS OTHERWISE SPECIFIED		OWN	DATE	17 Jon Barrett Rd Patterson, NY 12563	
		• INTERPRET DRAWING JAW MIL-STD-100		RH	7/5/2001	WERLATONE® SINCE 1965	
		• DIMENSIONING PER ASME Y14.5M-2009		CHK	DATE		
		• PARENTHESES FOR REF ONLY		ENGR	DATE	TITLE OUTLINE	
		• DIMENSIONS ARE IN INCHES		MJ	7/5/2001		
		• DIMENSIONAL LIMITS APPLY BEFORE PROCESSES		MPGR	DATE	SIZE B	
		• TOLERANCES:		QA	DATE		
		• ANGLES ± 2°		ELSE	DATE	CAGE CODE 10379-505	
		• 3 PL ± .005 [1.3]					
		• 2 PL ± .015 [3.8]				DWG NO 10379-505	
		• REMOVE ALL BURRS AND SHARP EDGES R.01 MAX					
		• CONCENTRICITY MACHINED DIA: .002 FIM				REV A	
		• MACHINE TOOL MISMATCH .003 MAX					
NEXT ASSY		USED ON		THIRD ANGLE PROJECTION			
APPLICATION				SCALE 1:1			
				SHEET 1 OF 1			

Restriction on use, duplication, or disclosure of proprietary information. This document contains proprietary information which is the sole property of Werlatone, Inc.
Werlatone, Inc. 17 Jon Barrett Road Patterson, NY 12563 T:(845)278-2220 F:(845)278-3440 sales@werlatone.com www.werlatone.com