

PRODUCT DATA SHEET

C2408

3-Port Uni-Directional Coupler: Consists of a main line and a coupled line. One end of the coupled line is internally terminated, while the other end serves as a coupled port. Ideal for sampling and monitoring power in one direction at a given time. It is necessary to physically reverse the orientation of the unit to change from a forward to a reverse power measurement.

Features:

High Power Wide Bandwidths Small Size Flat Coupling Custom Designs Available

Electrical Specifications:

Frequency: 1 - 500 MHz
Power: 5 W CW
Coupling: 20 ± 1.0 dB Max.
Insertion Loss: 1.0 dB Max.
Flatness: ± 0.5 dB Max.
VSWR (ML): 1.20:1 Max.
Directivity: 25 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: 1.5 x 1.5 x 1.12"

Port Configurations:

Model	Input (J1)	Output (J2)	Fwd (J3)
C2408-10	N Female	N Female	N Female
C2408-714	N Male	N Female	N Female

Werlatone® Broadband Dual, Uni, and Bi Directional RF Couplers are designed to tolerate the most stringent operating conditions associated with military and EMC testing environments. Many of our RF Directional Couplers, designated Mismatch Tolerant®, will operate continuously, at rated power, into a severe load mismatch condition. Our multi-octave Directional Couplers maintain exceptional coupling flatness, directivity, VSWR, and insertion loss.

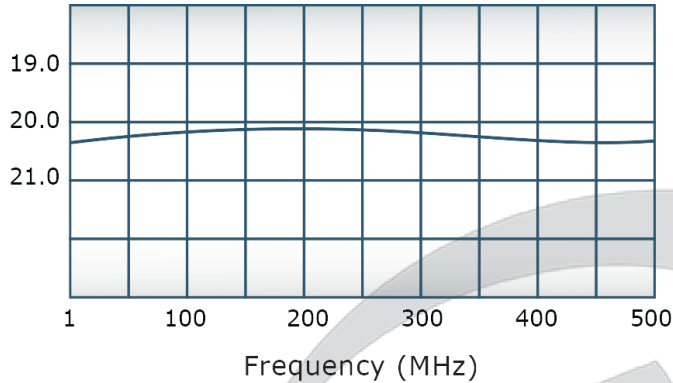


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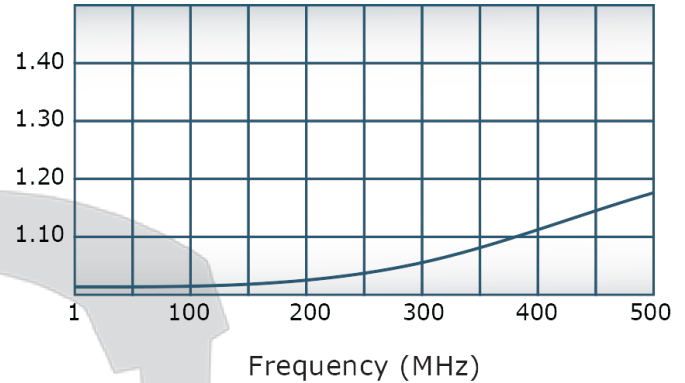
C2408

Performance Data (Specifications subject to change without notice):

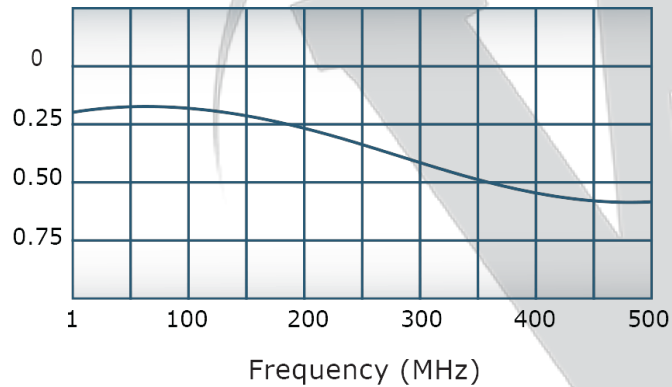
Coupling:



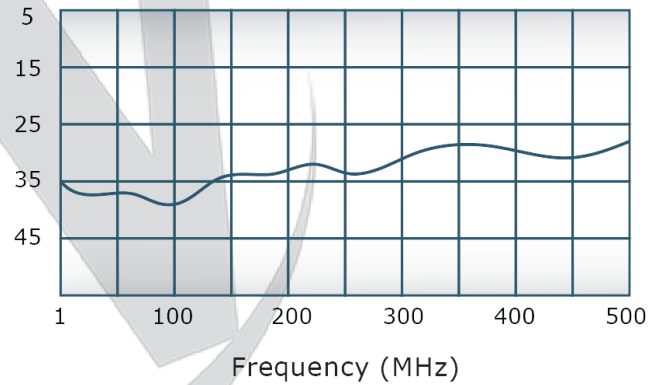
VSWR:



Insertion Loss:



Directivity:

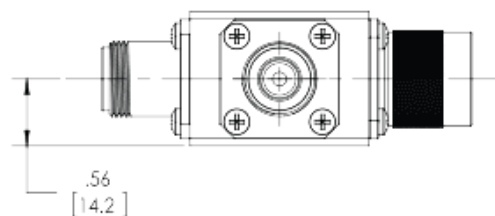
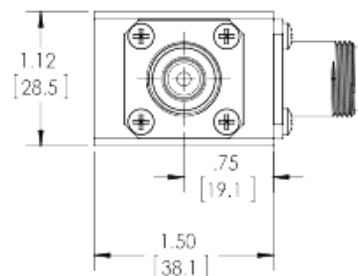
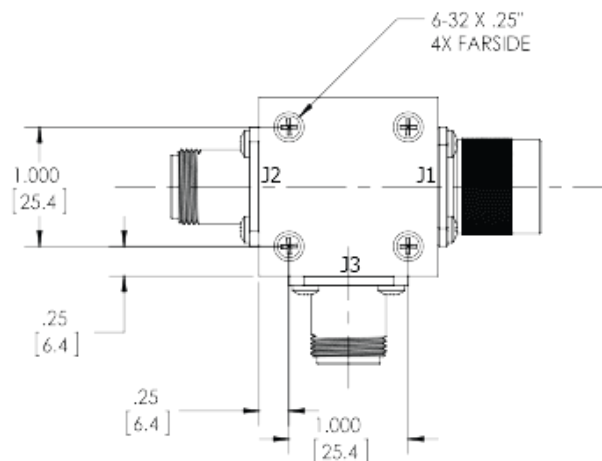


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Werlatone, Inc. 17 Jon Barrett Road Patterson, NY 12563 T:(845)278-2220 F:(845)278-3440 sales@werlatone.com www.werlatone.com

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REV.	REVISION RECORD	DATE	APPROVED
-	INITIAL RELEASE	11/14/2016	CS



UNLESS OTHERWISE SPECIFIED • REINFORCING STEEL SHALL BE 60,000 PSI • CONCRETE SHALL BE 4000 PSI • FIBERGLASS REINFORCED PLASTIC SHALL BE 175 PSI • CONCRETE AND BRICK SHALL BE 8 INCHES • CONCRETE, LIGHTS SHALL BE 8 INCHES • TO FINISH		DATE	11/14/2016		 WERLATON SINCE 1965	17 Jon Barrett Rd Patterson, NY 12568
		DATE	11/14/2016			
NEXT ASSY C2408, C2409 USED ON	APPLICATION THIRD ANGLE PROJECTION	DATE	11/14/2016		SIZE CASE CODE DWG NO B 28812 10133-500	SHEET 1 OF 1
		DATE	11/14/2016			

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