



## PRODUCT DATA SHEET

C5541

**Non-Isolated Uneven Splitters (Taps):** Utilized to un-evenly split a single run of 50 Ohm coaxial cable, hosting multiple frequency bands, so that a shorter corridor, tunnel, shaft, or hallway is provided a lesser portion of power on the main coaxial run than that required by a longer run. Non-Isolated Uneven Splitters are Bi-Directional, and unlike Directional Couplers, all ports can communicate with one another.

### Features:

High Power      Wide Bandwidths      Small Size      Flat Coupling      Custom Designs Available

### Electrical Specifications:

Frequency: 400 - 470 MHz  
Power: 100 W CW  
Coupling: 6 ± 1.0 dB Max.  
Insertion Loss: 0.2 dB Max.  
Flatness: ± 1.0 dB Max.  
VSWR (ML): 1.20:1 Max.

### 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: 2.0 x 4.75 x 1.88"  
Weight:

### Port Configurations:

<b>Model</b>	<b>Input (J1)</b>	<b>Output (J2)</b>	<b>Fwd (J3)</b>
C5541-10	N Female	N Female	N Female

**Werlatone®** Broadband Non-Isolated Uneven Splitters (Taps) are designed to tolerate the most stringent operating conditions associated with Distributive Antenna Systems (DAS).

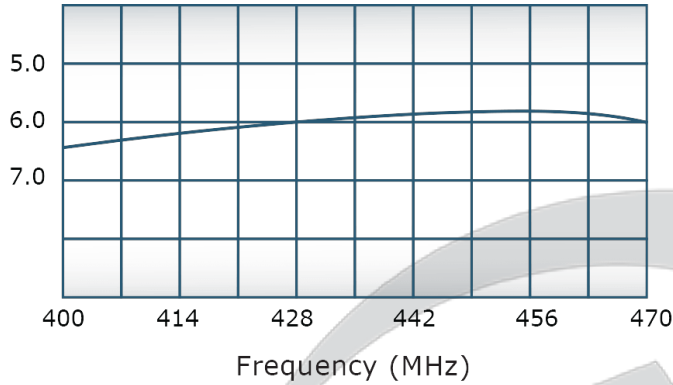
Restriction on use, duplication, or disclosure of proprietary information. This document contains proprietary information which is the sole property of Werlatone, Inc.

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

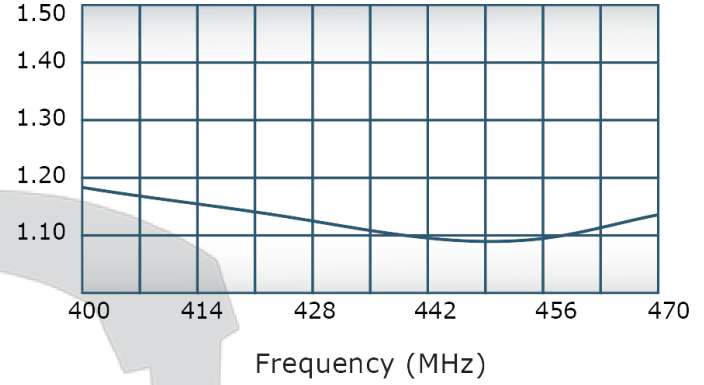


## Performance Data (Specifications subject to change without notice):

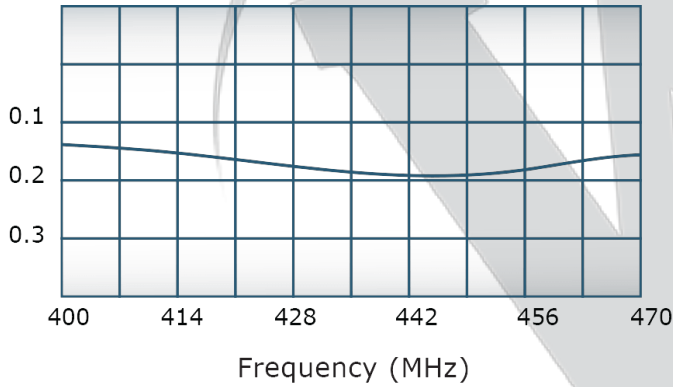
Coupling:



VSWR:



Insertion Loss:



For In-Building Applications

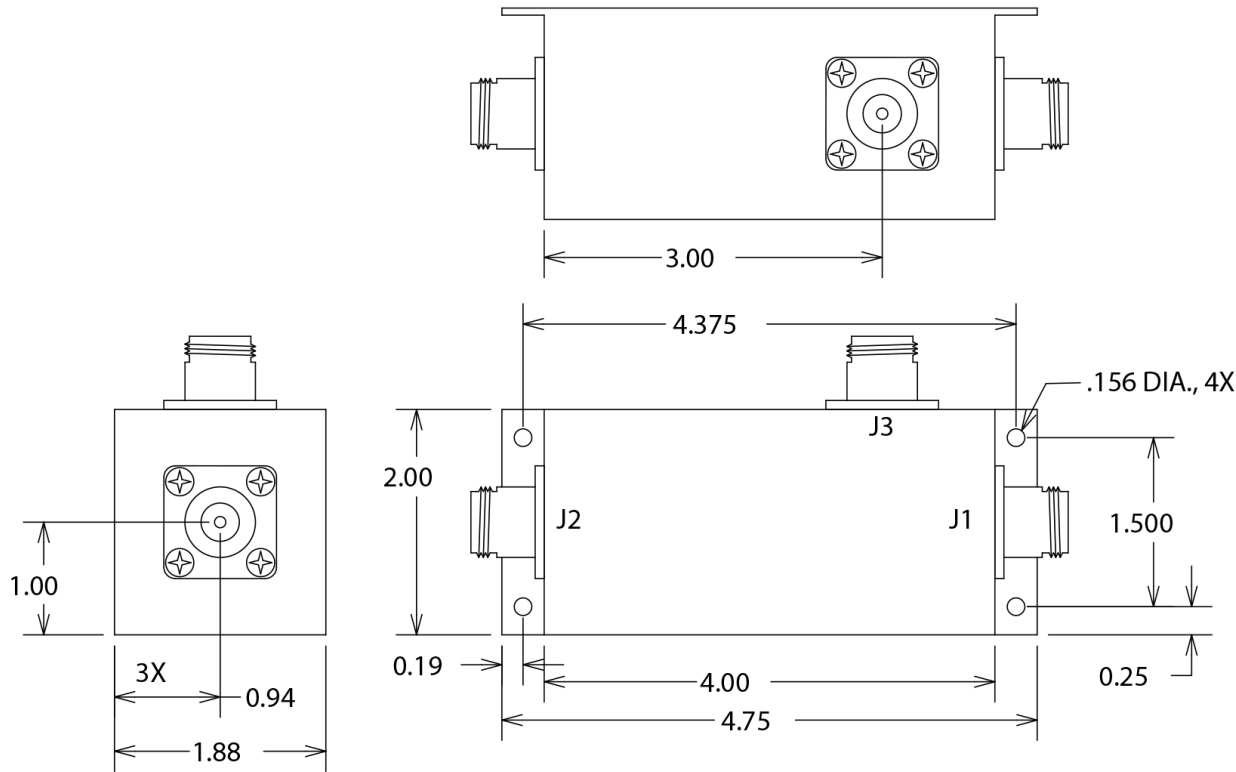


Restriction on use, duplication, or disclosure of proprietary information. This document contains proprietary information which is the sole property of

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

DATE	SYM	REVISION RECORD	DR	CK



THIS DRAWING CONTAINS INFORMATION PROPRIETARY TO WERLATONE INC. AND MAY NOT BE USED OR COPIED WITHOUT THE WRITTEN CONSENT OF WERLATONE INC.

TOLERANCE	WERLATONE INC.		
XX +/- .015 XXX +/- .005	SCALE	DRAWN BY:	SV
	TITLE	OUTLINE	
	DATE	DRAWING NUMBER	10652-500
	1/24/00		

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