

## PRODUCT DATA SHEET

C6294

**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: 150 - 500 MHz  
 Power: 100 W CW  
 Coupling:  $6 \pm 1.0$  dB Max.  
 Insertion Loss: 0.75 dB Max.  
 Flatness:  $\pm 1.0$  dB Max.  
 VSWR (ML): 1.30:1 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: 2.5 x 1.75 x 1.5"  
 Weight: 7 ounces

### Port Configurations:

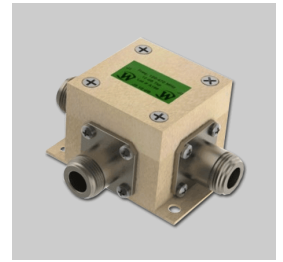
|              |                   |                    |                 |
|--------------|-------------------|--------------------|-----------------|
| <b>Model</b> | <b>Input (J1)</b> | <b>Output (J2)</b> | <b>Fwd (J3)</b> |
| C6294-10     | N Female          | N Female           | N Female        |

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



# WERLATONE

Model C6294

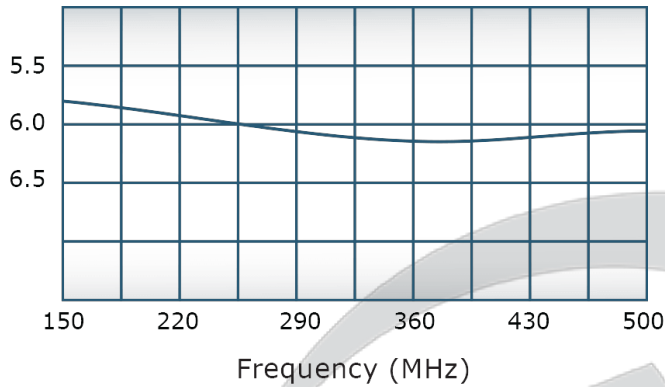


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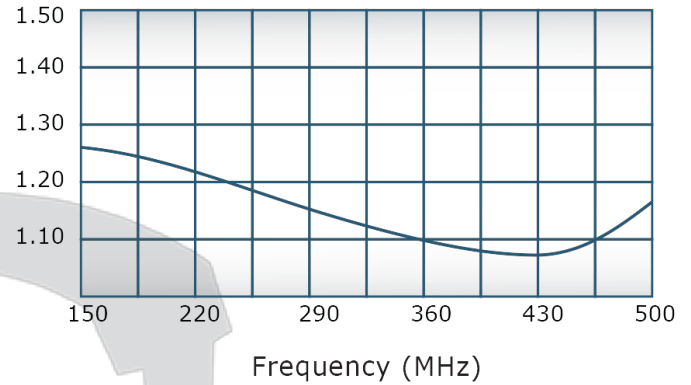
C6294

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

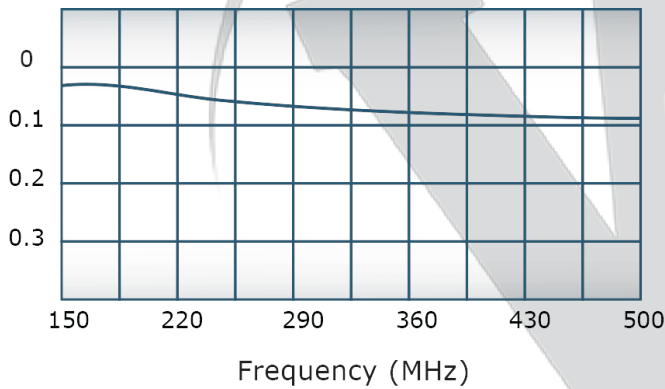
Coupling:



VSWR:



Insertion Loss:

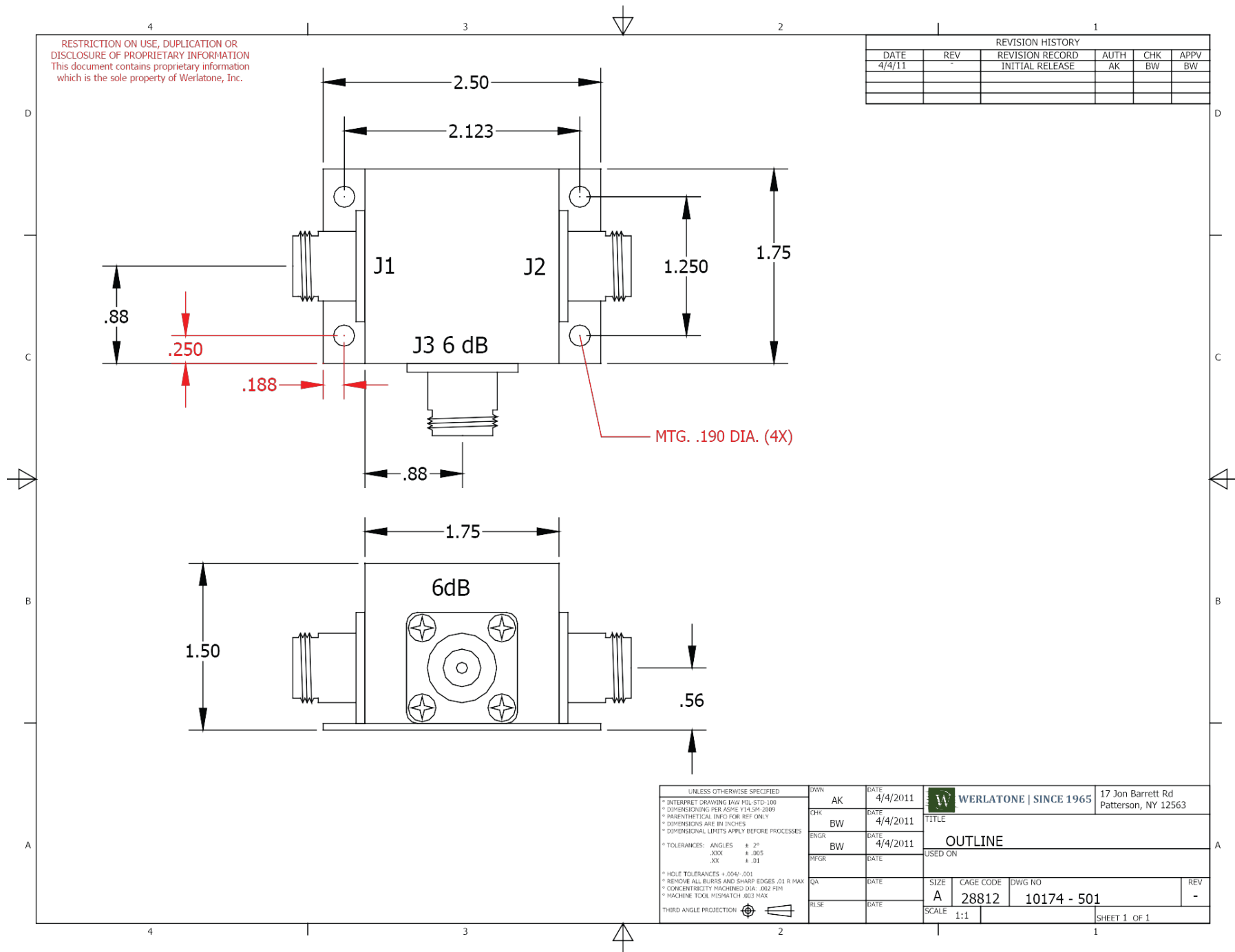


For In-Building Applications



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