

PRODUCT DATA SHEET

C2541

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: 120 - 470 MHz
Power: 100 W CW
Coupling: 10 ± 1.0 dB Max.
Insertion Loss: 0.75 dB Max.
Flatness: ± 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

Connector Configurations:

| Model | Input (J1) | Output (J2) | Fwd (J3) |
|----------|------------|-------------|----------|
| C2541-10 | N Female | N Female | N Female |

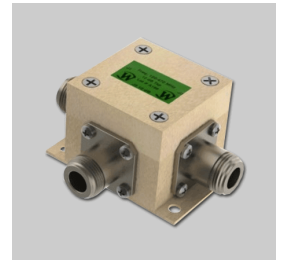
Werlatone® Broadband Non-Isolated Uneven Splitters (Taps) are designed to tolerate the most stringent operating conditions associated with Distributive Antenna Systems (DAS).



WERLATONE

Model C2541

Connectorized Directional Couplers

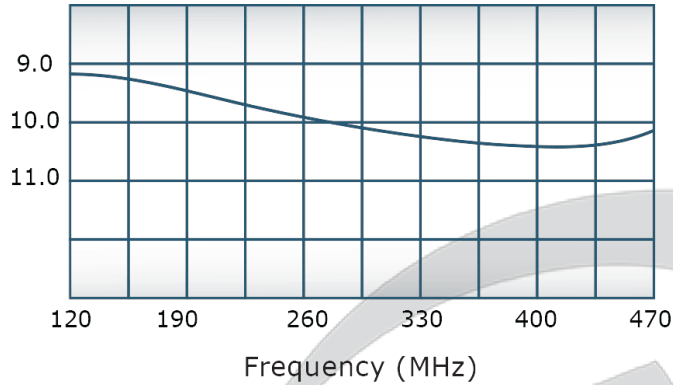


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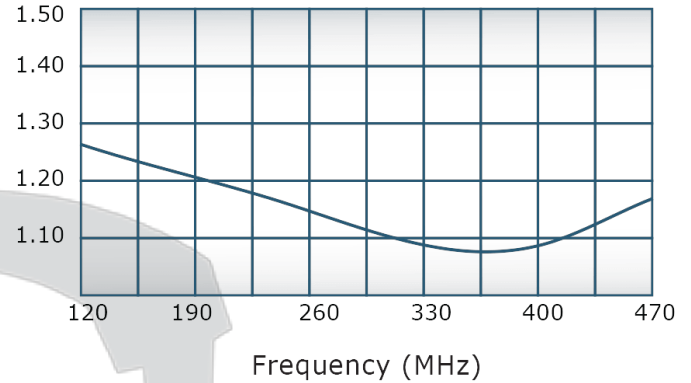
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Performance Data (Specifications subject to change without notice):

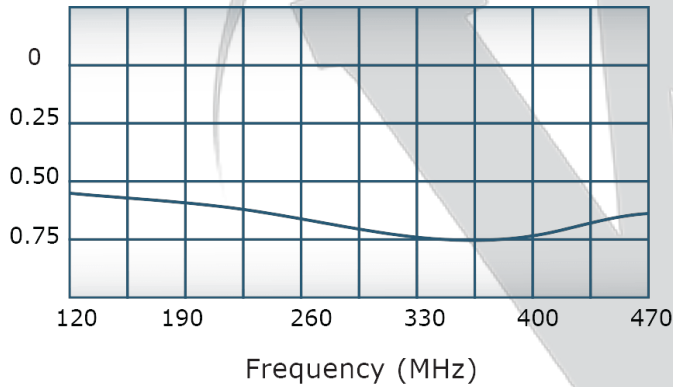
Coupling:



VSWR:



Insertion Loss:

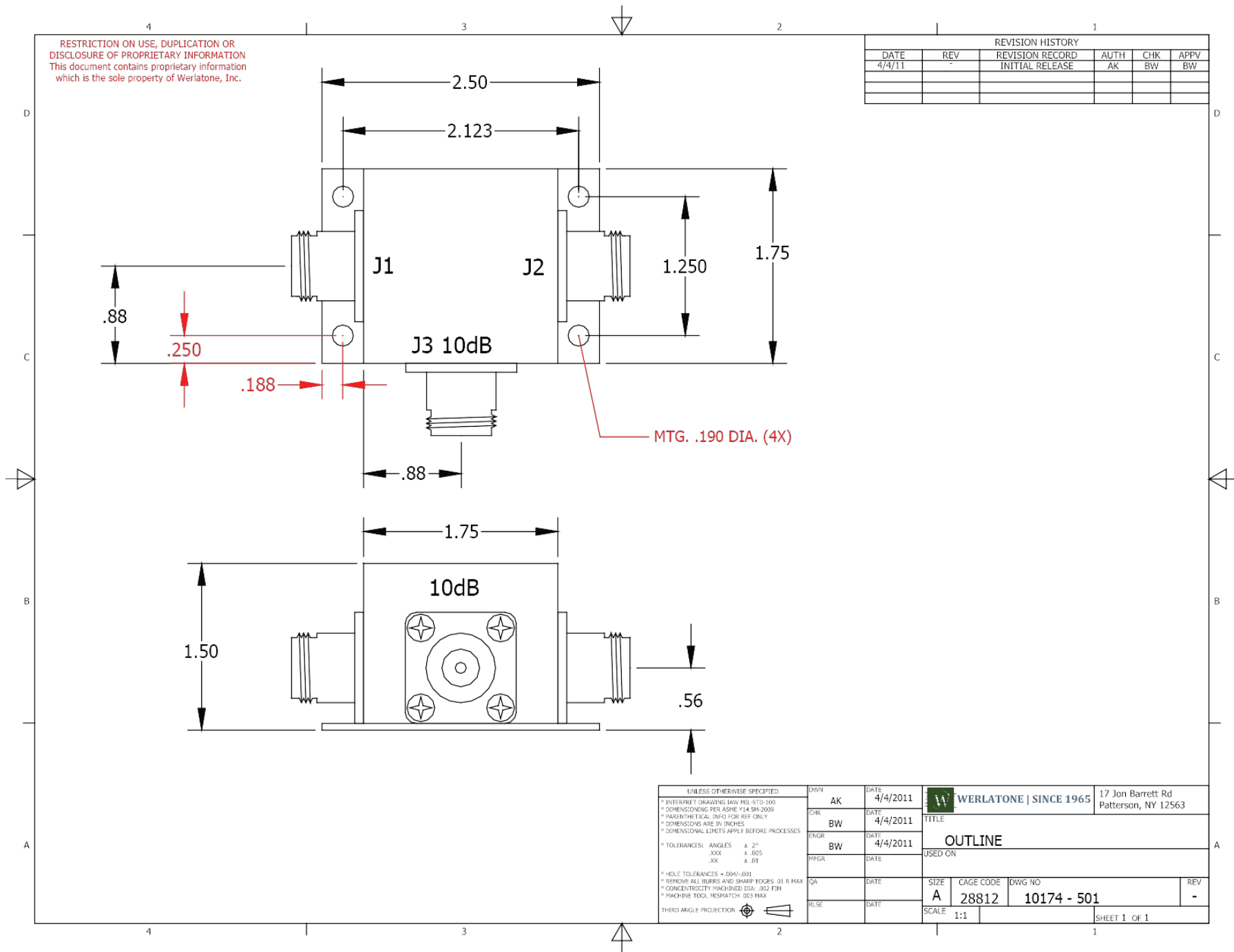


For In-Building Applications



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