
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 ± 1.0 dB Max.
 Insertion Loss: 0.75 dB Max.
 Flatness: ± 1.0 dB Max.
 VSWR (ML): 1.30:1 Max.

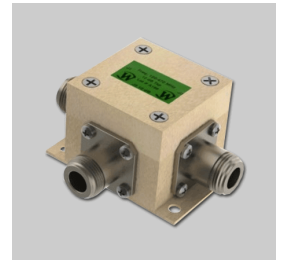
Mechanical Specifications:

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

Port Configurations:

Model	Input (J1)	Output (J2)	Fwd (J3)
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).

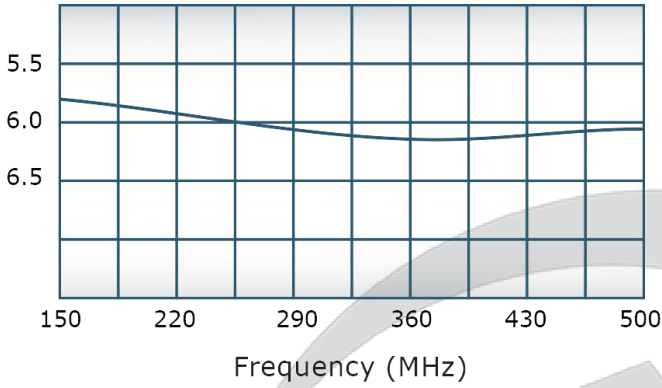


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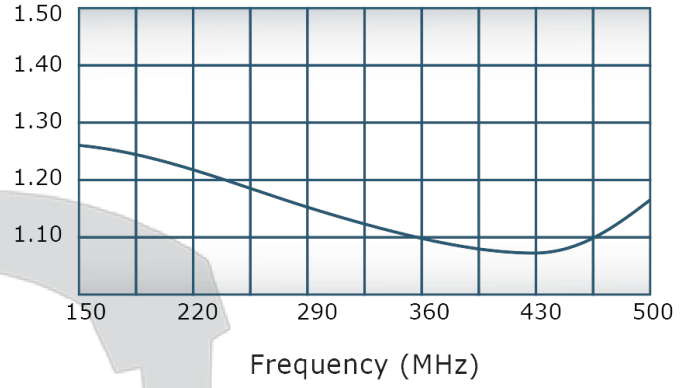
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Performance Data (Specifications subject to change without notice):

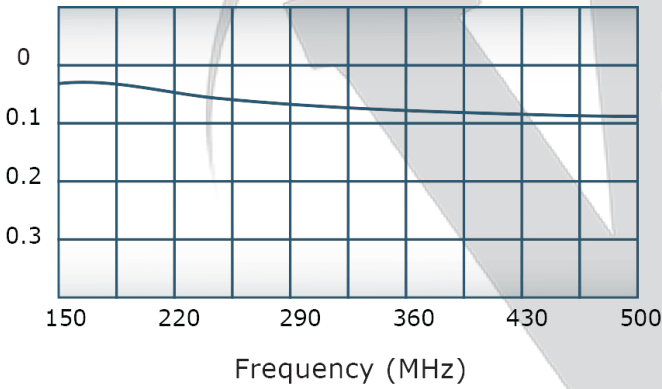
Coupling:



VSWR:



Insertion Loss:



For In-Building Applications

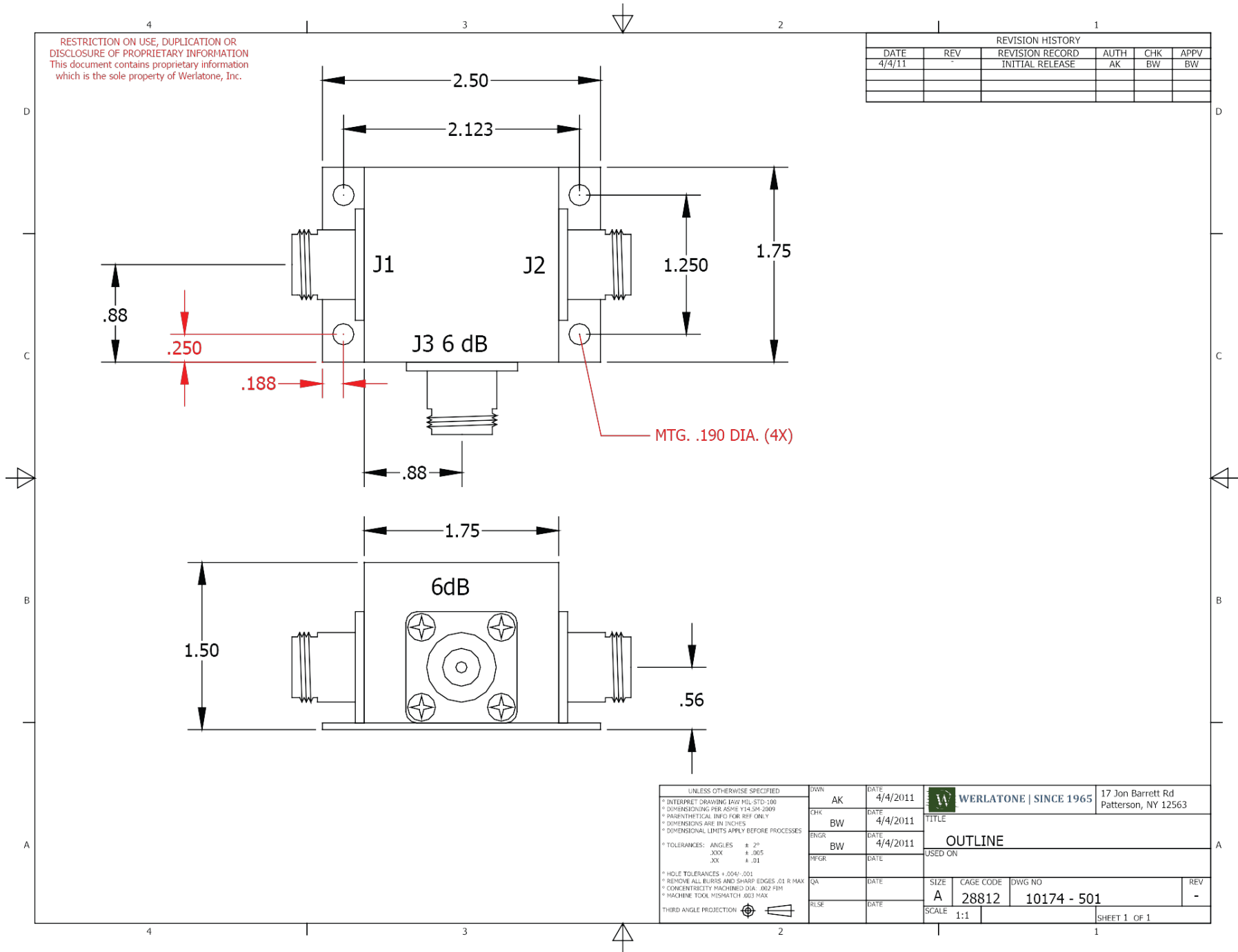


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REVISION HISTORY					
DATE	REV	REVISION RECORD	AUTH	CHK	APPV
4/4/11	-	INITIAL RELEASE	AK	BW	BW



UNLESS OTHERWISE SPECIFIED		DWN	DATE	WERLATONE SINCE 1965	17 Jon Barrett Rd Patterson, NY 12563
* INTERPRET DRAWING (AW MIL-STD-100) * DIMENSIONING PER ASME Y14.5M-2009 * PARALLEL/PERPENDICULAR DIMS FOR REF ONLY * DIMENSIONS ARE IN INCHES * DIMENSIONAL LIMITS APPLY BEFORE PROCESSES		AK	4/4/2011		
* TOLERANCES: ANGLES ± 2° .XXX ± .005 .XX ± .01		CHK	DATE	TITLE	
* HOLE TOLERANCES ±.004/.001 * REMOVE ALL BURRS AND SHARP EDGES .01 R MAX * CONCENTRICITY MACHINED DIA: .002 FIM * MACHINE TOOL MISMATCH .003 MAX		BW	4/4/2011	OUTLINE	
THIRD ANGLE PROJECTION		ENGR	DATE	USED ON	
		BW	4/4/2011		
		QA	DATE	SIZE	CAGE CODE
		RLSE	DATE	A	28812
				DWG NO	10174 - 501
				SCALE	1:1
				SHEET 1 OF 1	

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