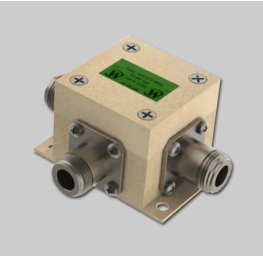
WERLATONE

Model C6149
Connectorized Directional Couplers



PRODUCT DATA SHEET **C6149**

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:	6 ± 1.0 dB Max.
Insertion Loss:	0.75 dB Max.
Flatness:	± 1.0 dB Max.
VSWR (ML):	1.40:1 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

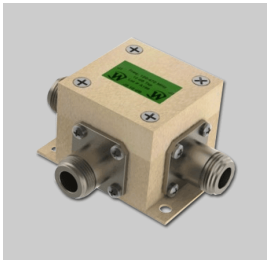
Port Configurations:

Model	**Input (J1)**	**Output (J2)**	**Fwd (J3)**
C6149-10	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).

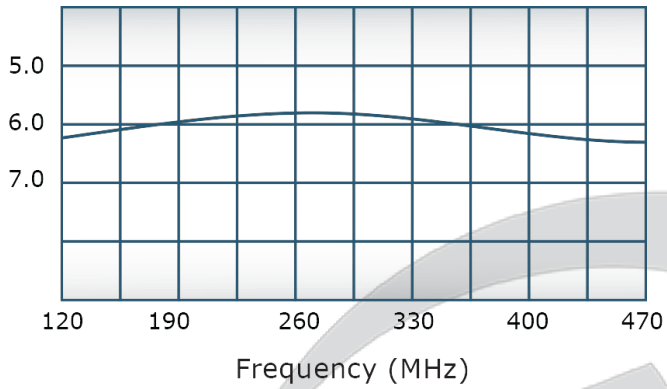
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Werlatone, Inc. 17 Jon Barrett Road Patterson, NY 12563 T:(845)278-2220 F:(845)278-3440 sales@werlatone.com www.werlatone.com

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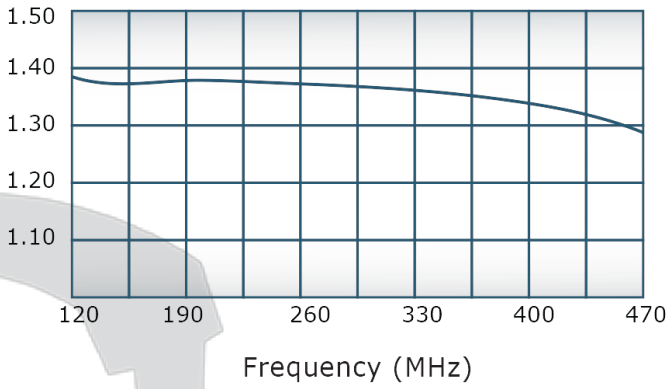


Performance Data (Specifications subject to change without notice):

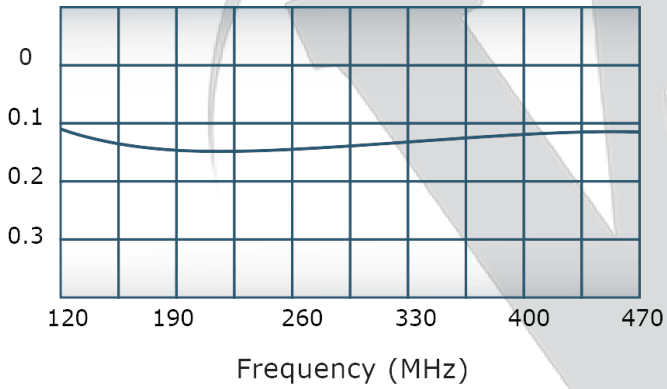
Coupling:



VSWR:



Insertion Loss:



For In-Building Applications

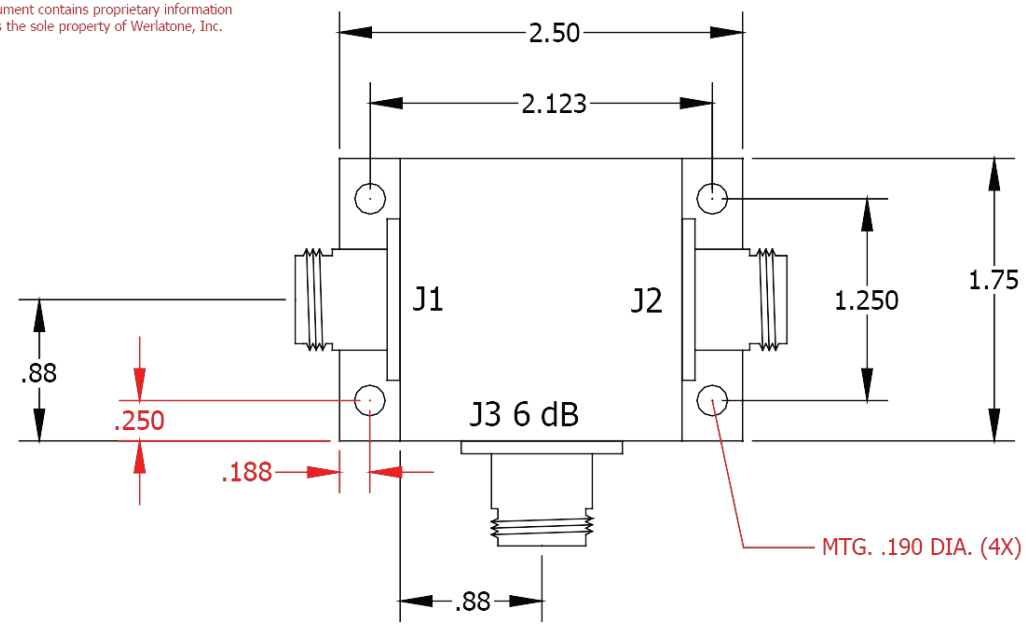


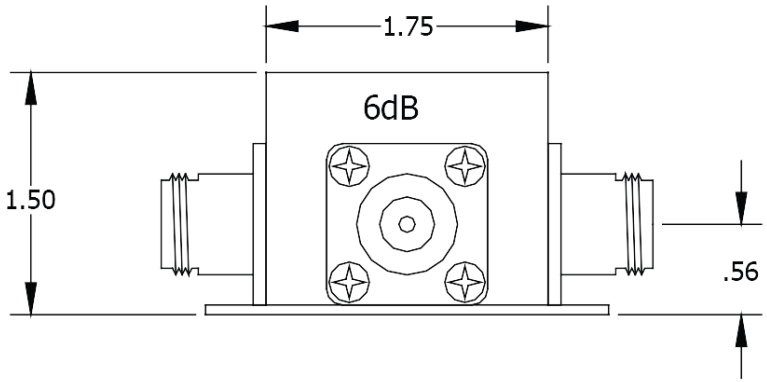
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REVISION HISTORY					
DATE	REV	REVISION RECORD	AUTH	CHK	APPV
4/4/11	-	INITIAL RELEASE	AK	BW	BW





UNLESS OTHERWISE SPECIFIED
° INTERPRET DRAWING IAW MIL-STD-100
° DIMENSIONING PER ASME Y14.5M-2009
° PARENTHETICAL INFO FOR REF ONLY
° DIMENSIONS ARE IN INCHES
° DIMENSIONAL LIMITS APPLY BEFORE PROCESSES
° TOLERANCES: ANGLES ± 2°
.XXX ± .005
.XX ± .01
° HOLE TOLERANCES +.004/-.001
° REMOVE ALL BURRS AND SHARP EDGES .01 R MAX
° CONCENTRICITY MACHINED DIA: .002 FIM
° MACHINE TOOL MISMATCH .003 MAX
THIRD ANGLE PROJECTION

DWN	AK	DATE 4/4/2011
CHK	BW	DATE 4/4/2011
ENGR	BW	DATE 4/4/2011
MFGR		DATE
QA		DATE
RLSE		DATE

WERLATONE | SINCE 1965
17 Jon Barrett Rd
Patterson, NY 12563

TITLE: OUTLINE
USED ON

SIZE	CAGE CODE	DWG NO	REV
A	28812	10174 - 501	-

SCALE 1:1 SHEET 1 OF 1

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