

PRODUCT DATA SHEET

C6809

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: 2310 - 2350 MHz
 Power: 2000 W CW
 Coupling: 10 ± 1.0 dB Max.
 Insertion Loss: 0.2 dB Max.
 Flatness: ± 0.5 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: 3.75 x 3.84"
 Weight: 2.5 lbs.

Port Configurations:

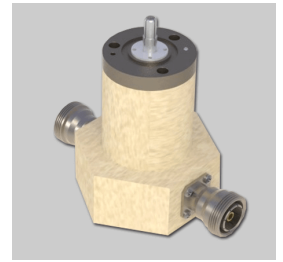
Model	Input (J1)	Output (J2)	Coupled Port (J3)
C6809-293	7/16 Female	7/16 Female	7/8" EIA

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



WERLATONE

Model C6809

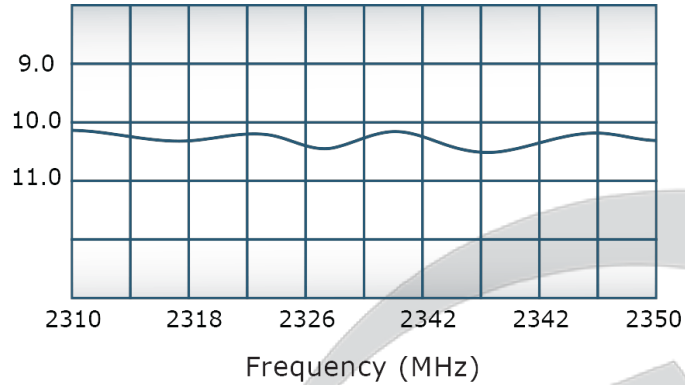


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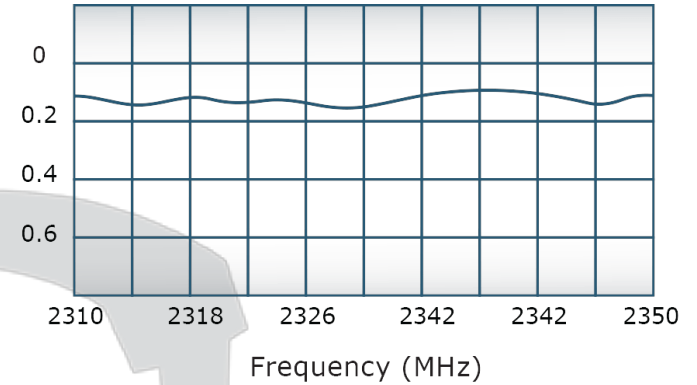
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Performance Data (Specifications subject to change without notice):

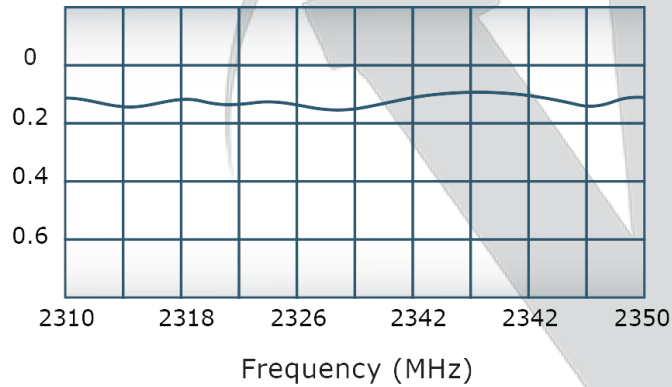
Coupling:



VSWR:



Insertion Loss:



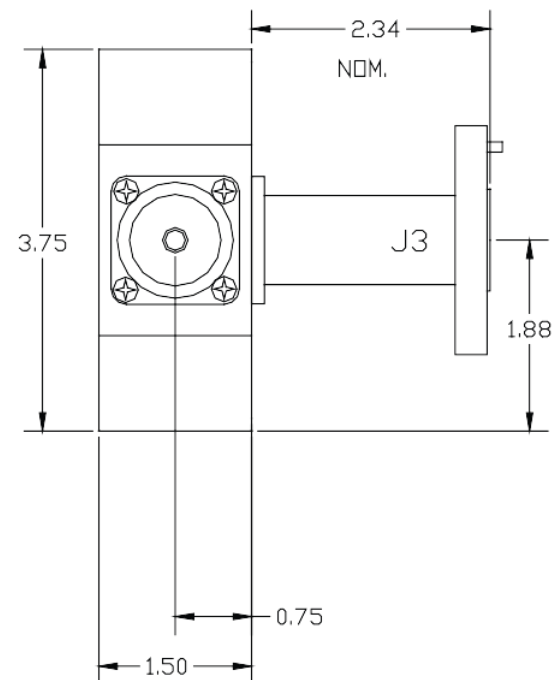
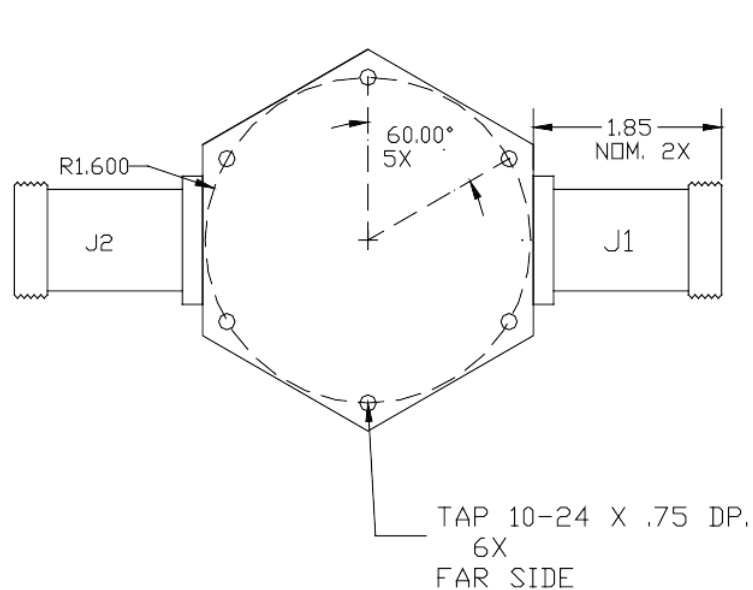
For In-Building Applications



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DATE	SYN	REVISION RECORD	DR	CK



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