WERLATONE

Model C5878
Connectorized Directional Couplers



PRODUCT DATA SHEET **C5878**

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 - 1000 MHz
Power:	350 W CW
Coupling:	6 ± 1.0 dB Max.
Insertion Loss:	0.5 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:	7.6 x 8.4 x 1.5''

Port Configurations:

Model	**Input (J1)**	**Output (J2)**	**Fwd (J3)**
C5878-10	N Female	N Female	N Female
C5878-20	7/16 Female	7/16 Female	N Female
C5878-24	7/16 Female	7/16 Female	7/16 Female

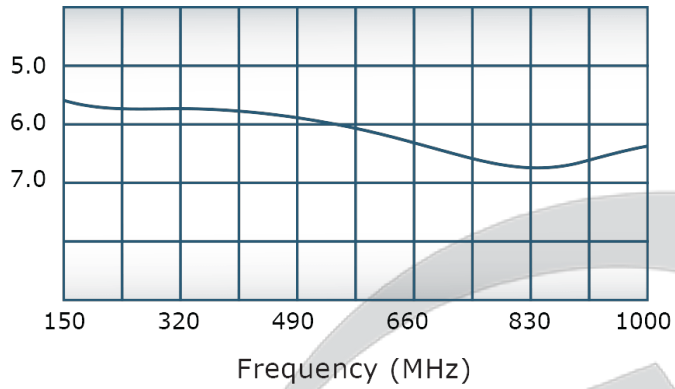
Werlatone® Broadband Non-Isolated Uneven Splitters (Taps) are designed to tolerate the most stringent operating conditions associated with Distributive Antenna Systems (DAS).

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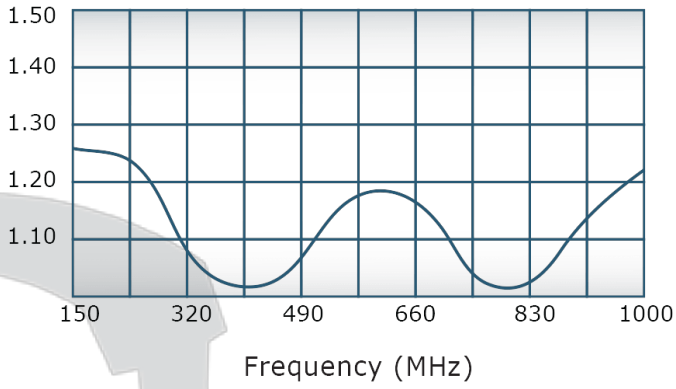


Performance Data (Specifications subject to change without notice):

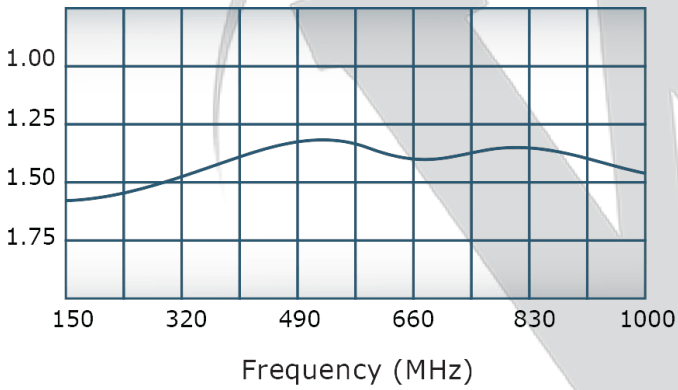
Coupling:



VSWR:



Insertion Loss:

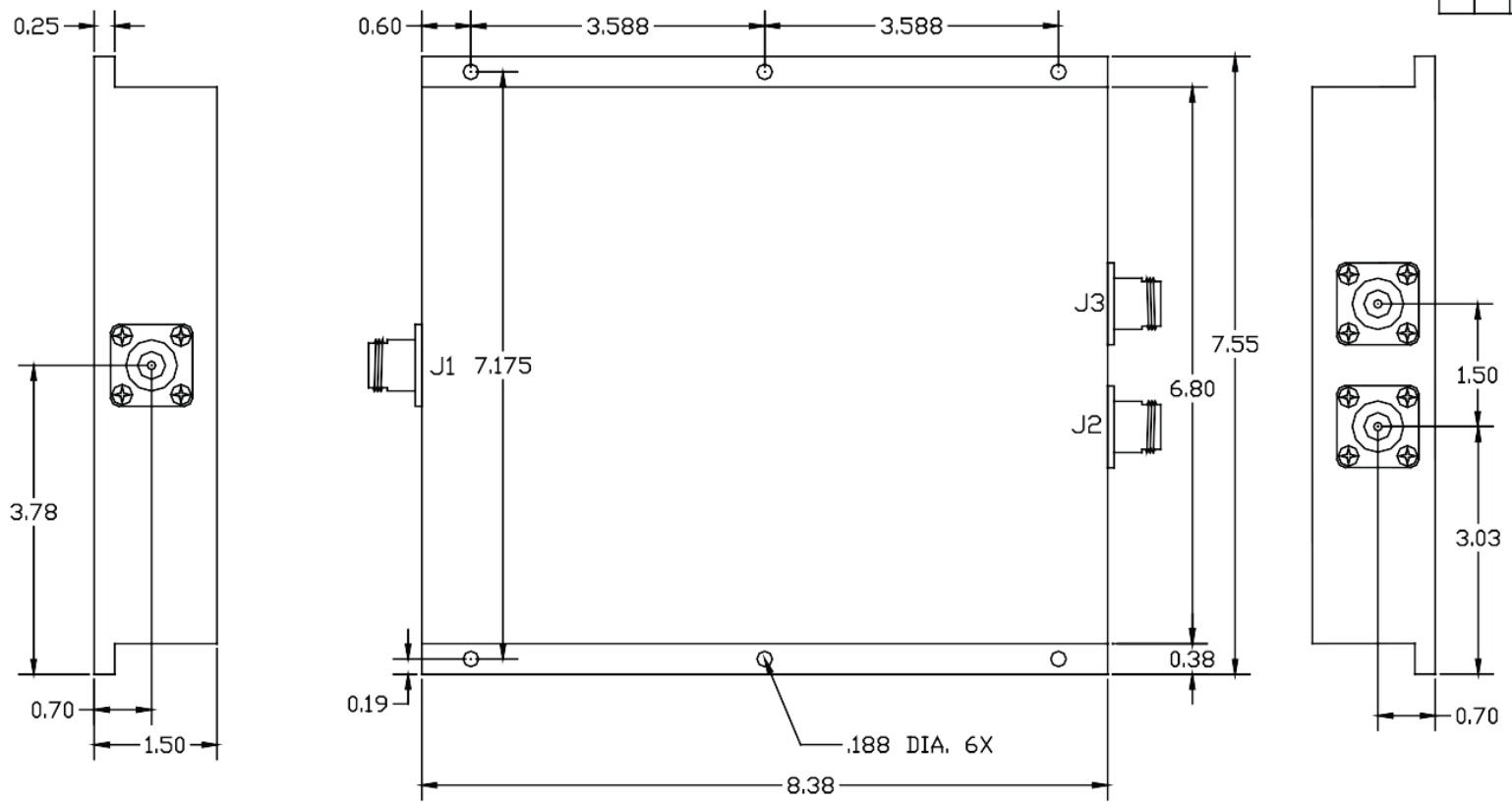


For In-Building Applications



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DATE	SYM	REVISION RECORD	AUTH	DR	CK



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