


**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:         $6 \pm 1.0$  dB Max.  
 Insertion Loss:    0.5 dB Max.  
 Flatness:         $\pm 1.0$  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).

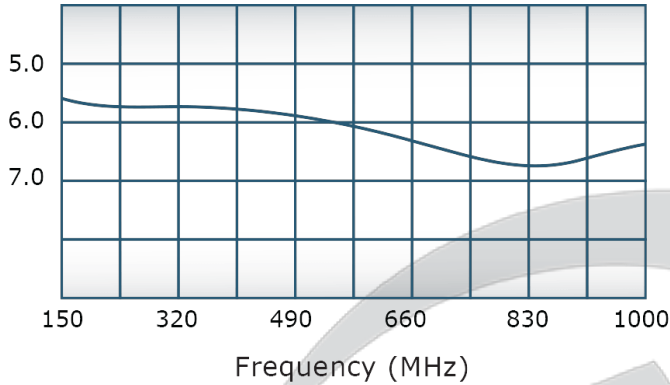


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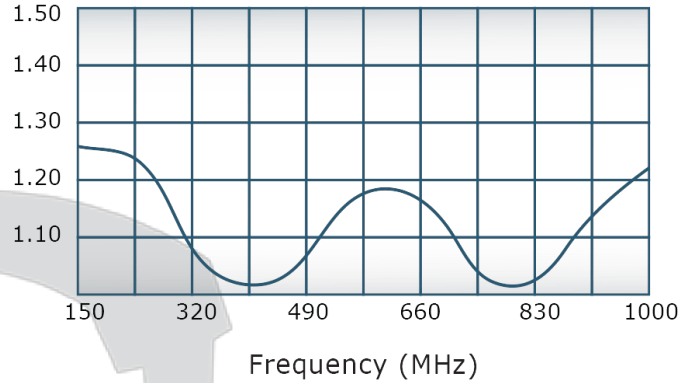
C5878

**Performance Data (Specifications subject to change without notice):**

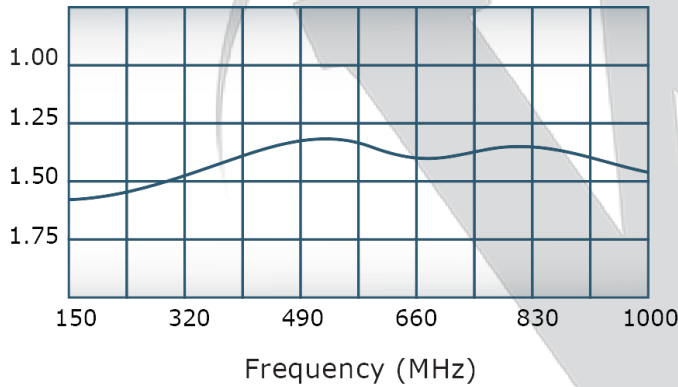
Coupling:



VSWR:



Insertion Loss:



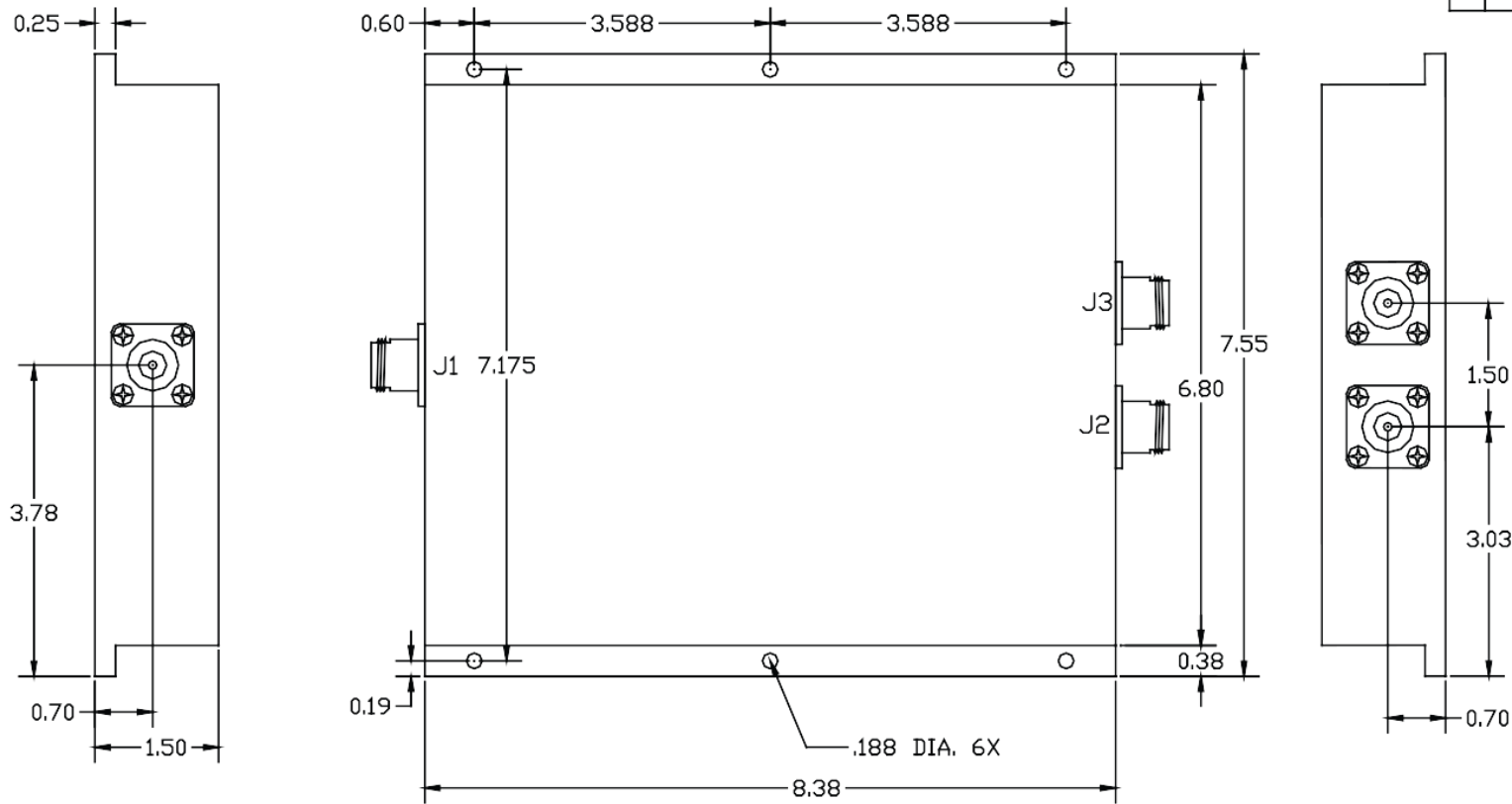
For In-Building Applications



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DATE	SYM	REVISION RECORD	AUTH	DR	CK



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