



PRODUCT DATA SHEET

C3820

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: 77 - 2200 MHz
Power: 100 W CW
Coupling: 6 ± 1.0 dB Max.
Insertion Loss: 2.0 dB Max.
Flatness: ± 1.0 dB Max.
VSWR (ML): 1.50:1 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: 20.0 x 4.75 x 1.78"
Weight: 6.25 lbs.

Port Configurations:

Model	Input (J1)	Output (J2)	Fwd (J3)
C3820-10	N Female	N Female	N Female
C3820-20	7/16 Female	7/16 Female	N Female
C3820-24	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).

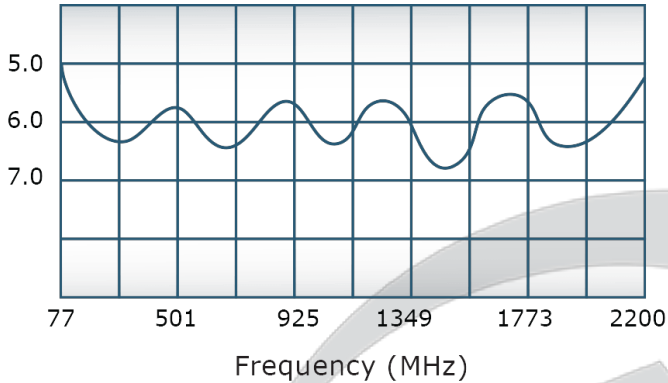


PRODUCT DATA SHEET

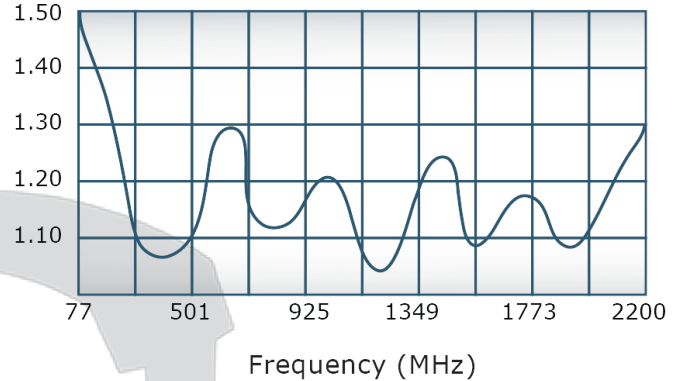
C3820

Performance Data (Specifications subject to change without notice):

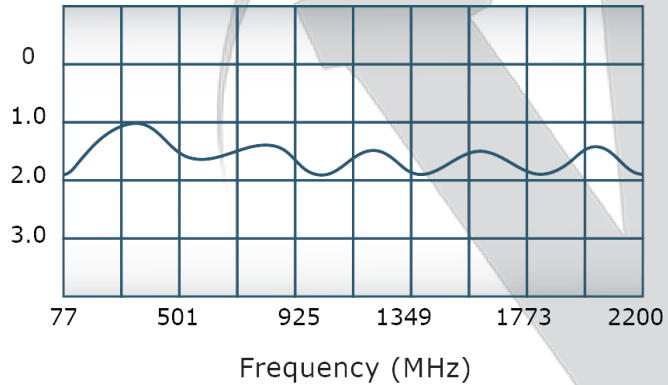
Coupling:



VSWR:



Insertion Loss:



For In-Building Applications

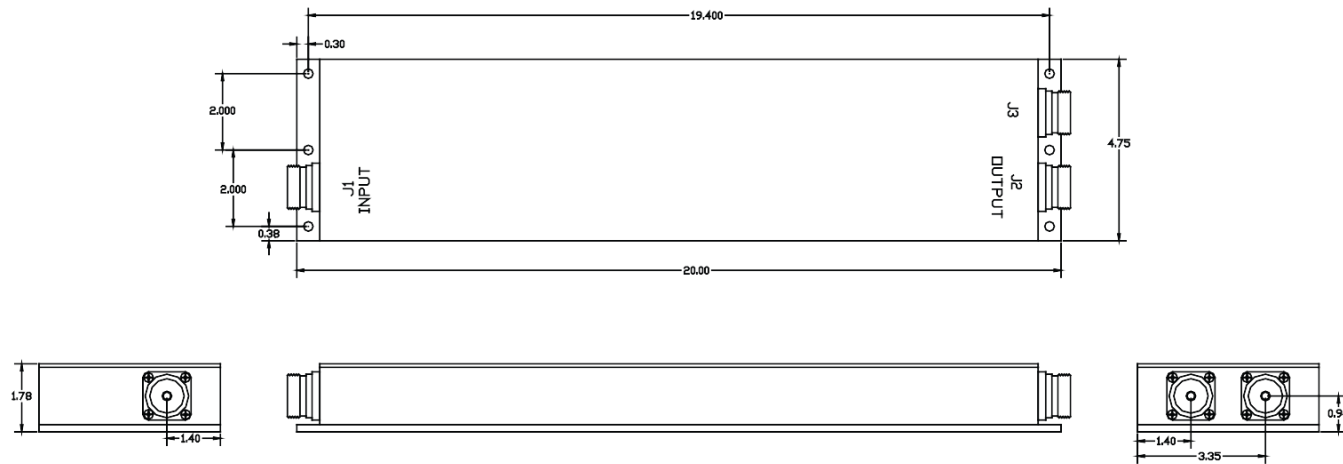


For In-Building Applications

Restriction on use, duplication, or disclosure of proprietary information. This document contains proprietary information which is the sole property of Werlatone, Inc.

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

DATE	SYM	REVISION RECORD	AUTH	DR	CK



THIS DRAWING CONTAINS INFORMATION
 PROPRIETARY TO WERLATONE INC. AND
 MAY NOT BE USED OR COPIED WITHOUT
 THE WRITTEN CONSENT OF WERLATONE INC.

TOLERANCE		WERLATONE INC.	
XX +/- .015 XXX +/- .005		SCALE	DRAWN BY: RH
		APPVD BY:	
		TITLE OUTLINE	
DATE 3/39/05		DRAWING NUMBER 10362-500	

Restriction on use, duplication, or disclosure of proprietary information. This document contains proprietary information which is the sole property of Werlatone, Inc.
 Werlatone, Inc. 17 Jon Barrett Road Patterson, NY 12563 T:(845)278-2220 F:(845)278-3440 sales@werlatone.com www.werlatone.com