
PRODUCT DATA SHEET
D10210

Werlatone® Mismatch Tolerant® High Power Broadband RF Combiners and Dividers will operate into High Load VSWR Conditions, for extended periods, without damage. With extensive experience as a supplier to military platforms worldwide **Werlatone®** designs its High Power Broadband Combiners, Power Dividers, and N-Way Combiners for proper operation in the most stringent operating conditions.

Features:

High Power Wide Bandwidths Small Size High Isolation Custom Designs Available

Electrical Specifications:

Frequency: 5 - 20 MHz
 Power: 1000 W CW
 Insertion Loss: 0.3 dB Max.
 VSWR: 1.30:1 Max.
 Phase Balance: ± 5° Max.
 Amplitude Balance: 0.3 dB Max.
 Isolation: 20 dB Min.

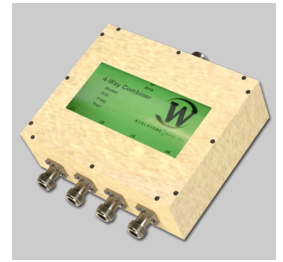
Mechanical Specifications:

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
 Weight: 2 lbs. 12 oz.
 Size: 5.0 x 6.0 x 2.0"

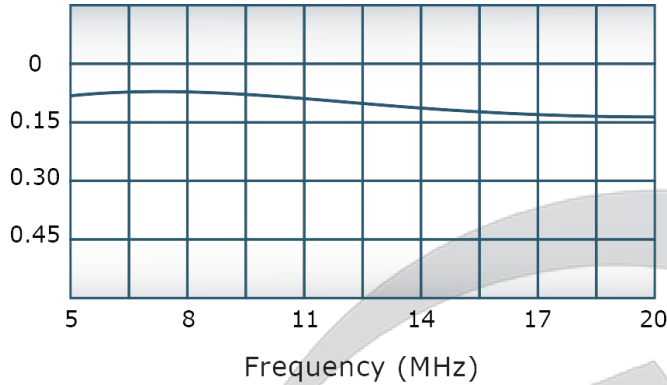
Connector Configurations:

Model	Sum Port (J5)	Input/Output (J1-J4)
D10210-10	N Female	N Female
D10210-12	N Female	SMA
D10210-13	N Female	BNC
D10210-20	7/16 Female	N Female
D10210-113	BNC	BNC
D10210-631*	Right Angle N Female	BNC
D10210-632*	Right Angle N Female	SMA

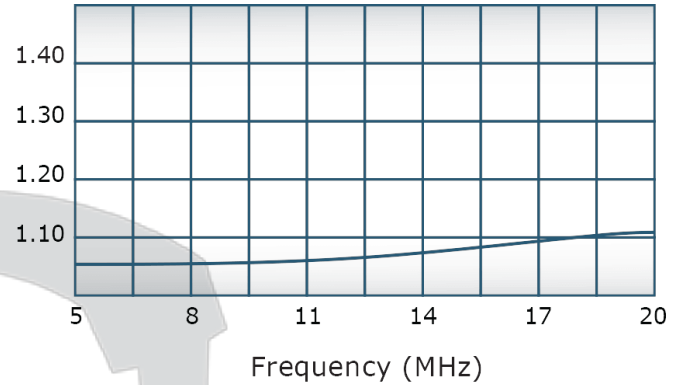
Starred options are Type II Class 3 (Clear Iridite)


Performance Data (Specifications subject to change without notice):

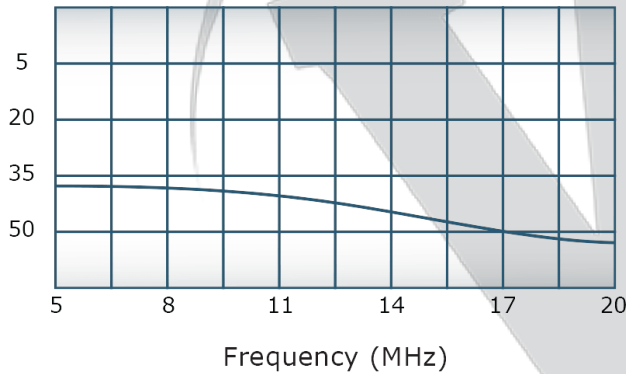
Insertion Loss:



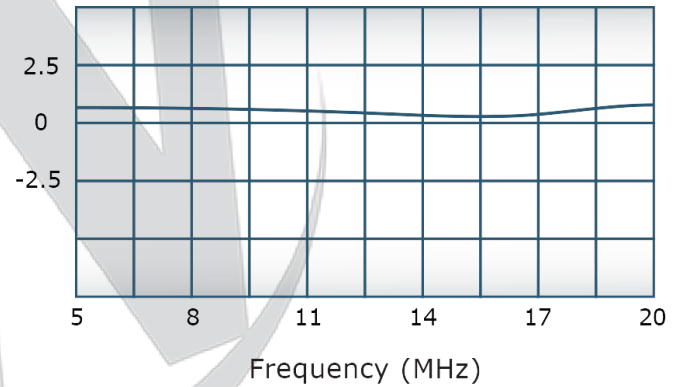
VSWR:



Isolation:



Phase Balance:



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 (EXCEPT AS NOTED)	WERLATONE INC.		
XX +/- .015 XXX +/- .005	SCALE	DRAWN BY	CS
		APPROVED BY	<i>CS</i> 11/98
X	TITLE		
	OUTLINE		
DATE	DRAWING NUMBER		
9/17/98	10521-500		

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