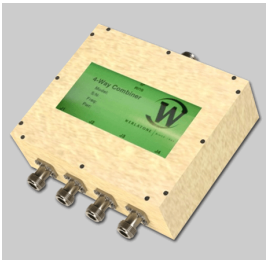
WERLATONE

Model D10210
Combiners In-Phase Connectorized



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)

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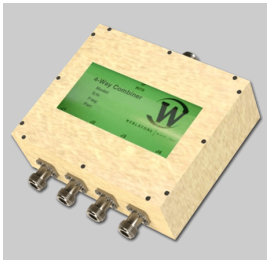

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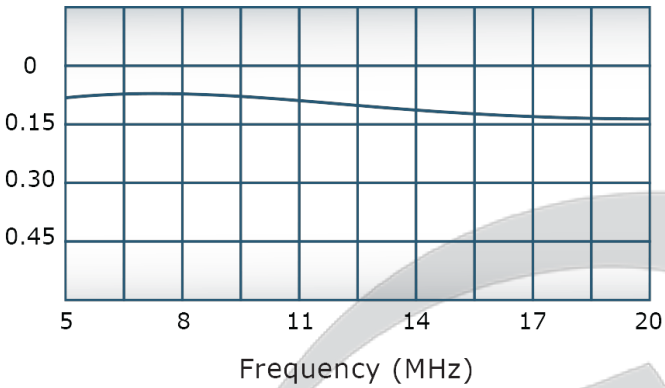
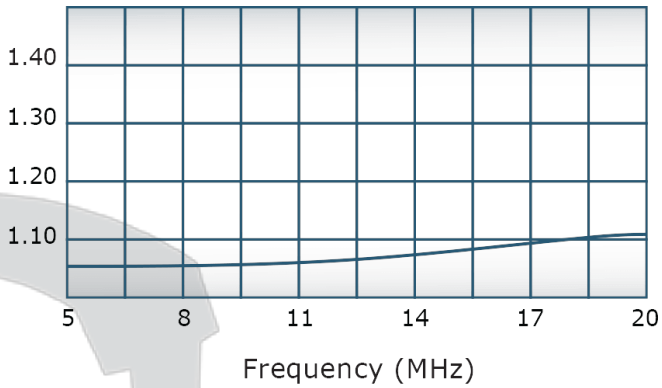
Performance Data (Specifications subject to change without notice):

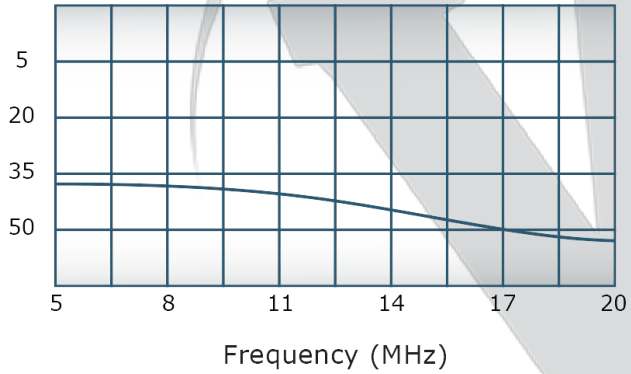
Insertion Loss:



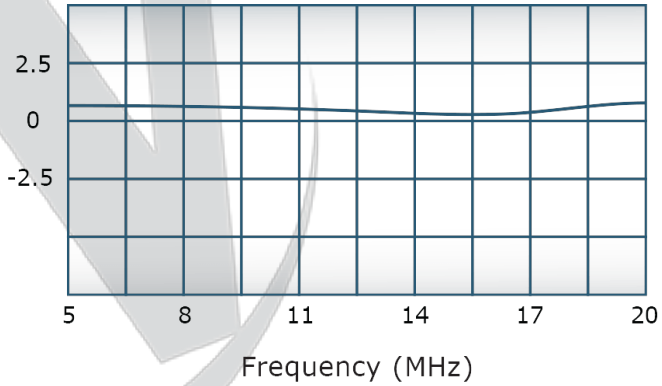
VSWR:



Isolation:



Phase Balance:



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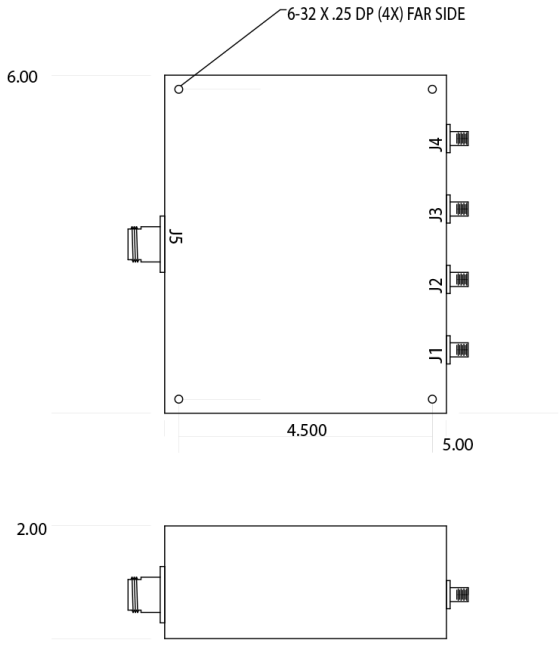
DATE	SYM	REVISION RECORD	AUTH	DR	CK



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