

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: $\pm 5^\circ$ 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

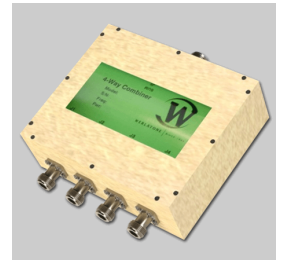
Starred options are Type II Class 3 (Clear Iridite)



WERLATONE

Model D10210

Combiners In-Phase Connectorized

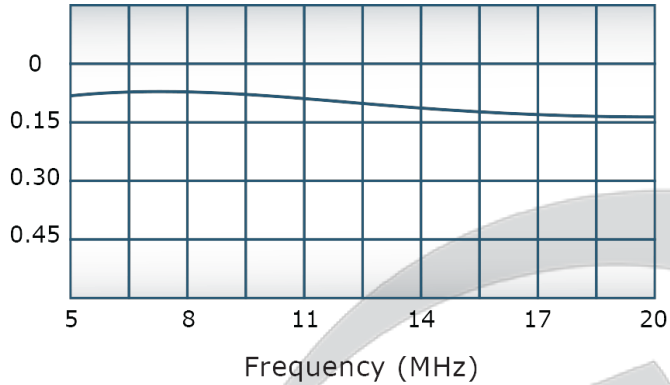


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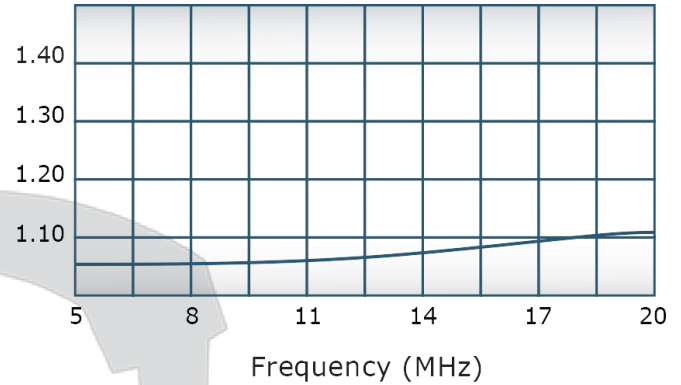
D10210

Performance Data (Specifications subject to change without notice):

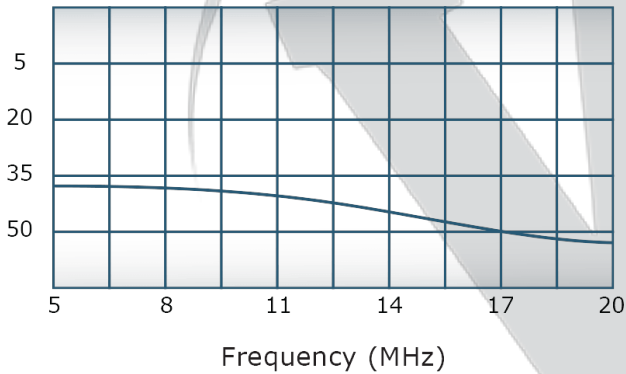
Insertion Loss:



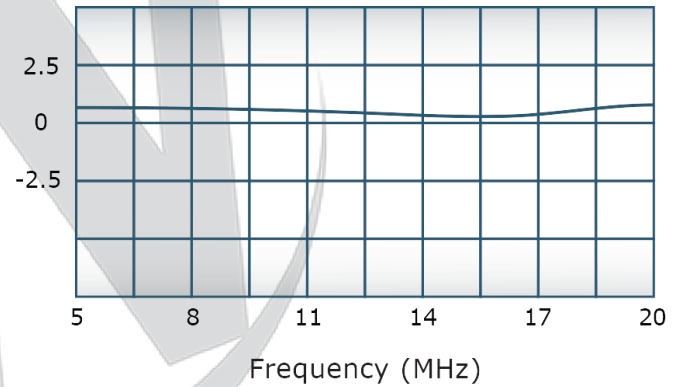
VSWR:



Isolation:



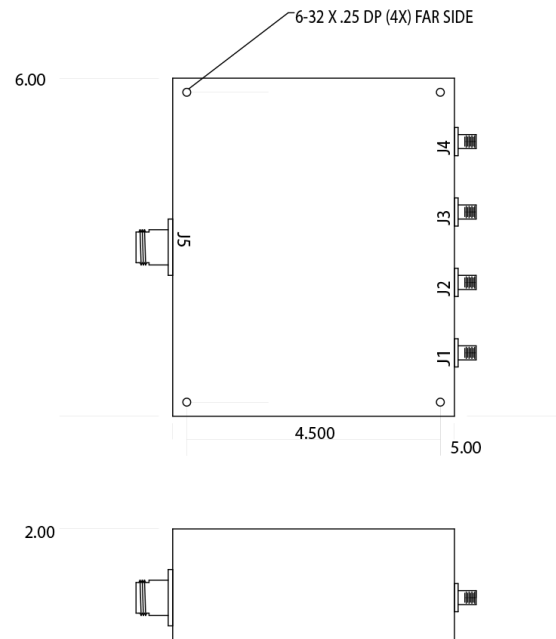
Phase Balance:



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DATE	SYM	REVISION RECORD	AUTH	DR	CK



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