

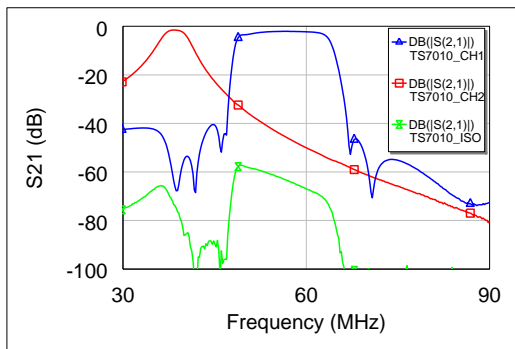
FEATURES

- 1.5 insertion loss
- 75dB channel-to-channel isolation
- VSWR < 1.5
- 100W CW power handling

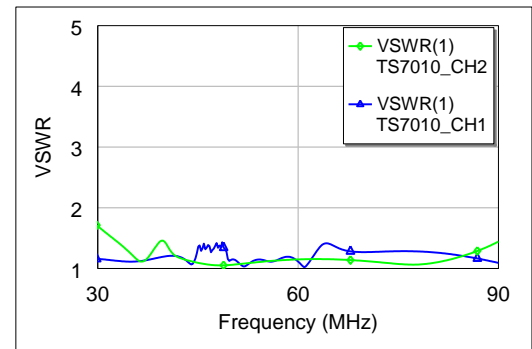


DESCRIPTION

The TS7010 is an absorptive bandpass/bandpass diplexer that is typically used to combine two transceivers to a common antenna. Its absorptive property provides a 50 ohm impedance match to your amplifier to minimize reflected power and maximize notch depth under all load conditions



Typical S21 and Isolation



Typical VSWR

RF PERFORMANCE

Parameter	Min	Typ	Max	Units
Impedance		50		Ω
Channel 1 3dB bandwidth		4		MHz
Channel 2 3dB bandwidth		15		MHz
Channel Passband Insertion Loss		1.5	2	dB
Channel-to-Channel Isolation	55	75		dB
Passband CW Power Handling	100			Watts
Stopband CW Power Handling	20			Watts
VSWR		1.25	1.6	-

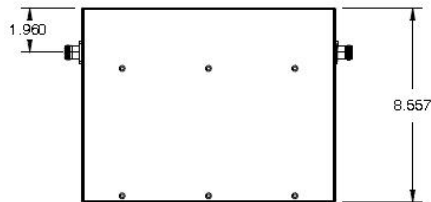
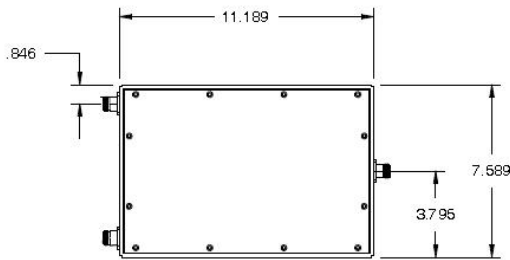
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MECHANICAL

Dimensions (in inches)

Product is shown with Type-N(f) connectors. Other connector styles are available upon request.



Information subject to change without notice. Please contact us for the latest information.

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