



PPC470-860-4500
470-860-MHz
2-Way High Power
Combiner

Preliminary

The PPC470-860-4500 is a full-band UHF TV quadrature (90°) combiner/splitter operating 470-860 MHz. Rated at 1500 watts average and 4500 watts peak digital power with minimal RF insertion loss and high reliability, it is an excellent choice for your high power UHF TV broadcast applications.

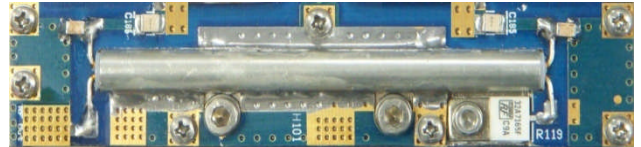


Image for reference only

Operating Specifications (Freq. = 470-860 MHz, T_{Base} = 25°C)

Parameter	Min	Typ.	Max	Units
Frequency	470		860	MHz
Power In Average			1500	Watts
Power In Peak Digital			4500	Watts
Input Return Loss			-20	dB
Phase Imbalance			+/- 2	Degrees
Isolation Port to Port	20			dB
Insertion Loss			0.3	dB
Amplitude Unbalance			+/- 0.5	dB
Base plate Temp.	0		+65	°C
Physical Dimensions	2.5" x 4.5" x 1.5" 63.5mm x 114.3mm x 38.1mm			

Features

- 1500 Watts Average
- 4500 Watts Peak Digital
- 50 Ohms input/output

Maximum Ratings

Parameter	Value
Baseplate Temp	+65°C
Storage Temp	-40° - +105°C

Power Module Technology • N. Deer Run Road, Suite 20, Carson City, Nevada 89701 USA.

Tel: +1.775.883.1122 e-mail: sales@pmtrf.com web: <http://www.pmtrf.com>

Specifications contained herein are subject to change without notice.

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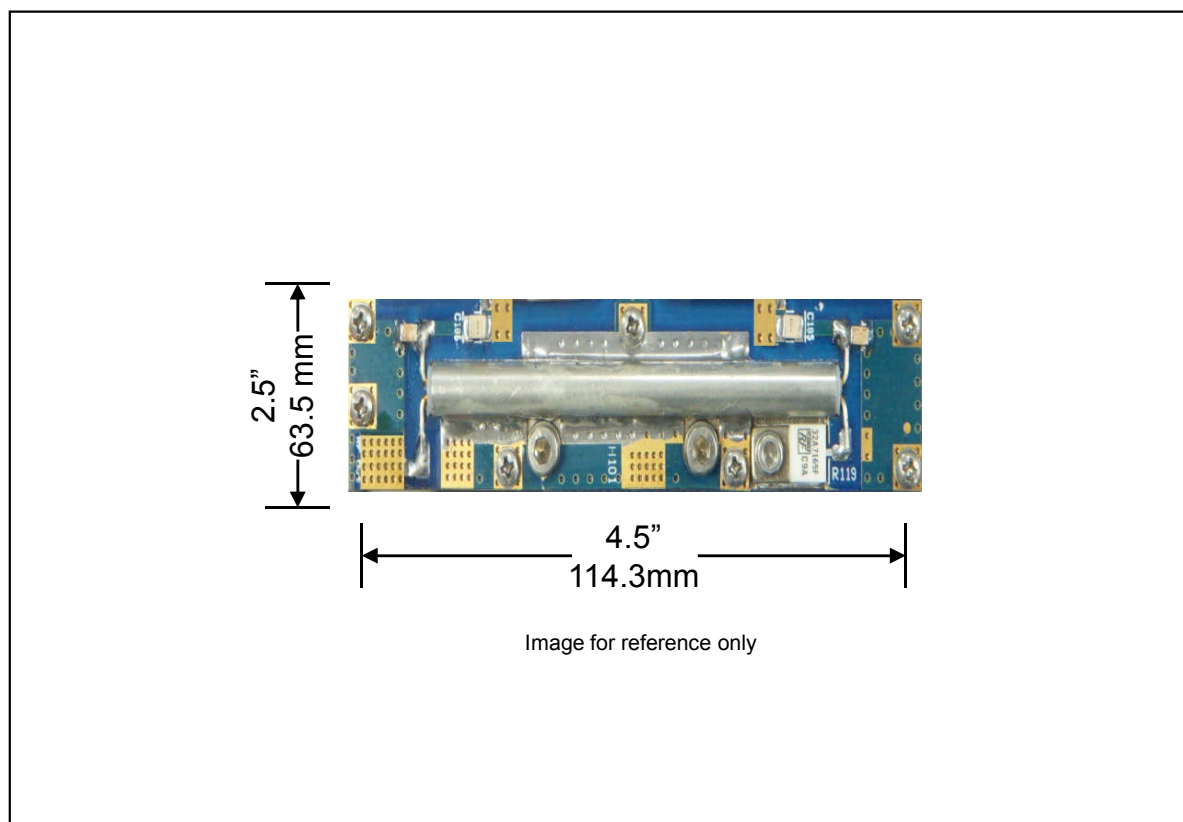


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Reference Module

4 #6-32 Mounting Holes



Reference module size (not to scale)

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Revision History: 8/24/09 Preliminary Data Sheet
Previous Versions: -
Page Subjects (major changes since last revision)

We Listen to your comments
If there is any information within this document that you feel is wrong, unclear or Missing, please give us your feedback as it will help us to continuously improve The quality of this document. Please send your suggestions (including a reference To this document) to:
Bob.Todd@PMTRF.com
Terry.Simons@PMTRF.com
To request other information please call 1-775-883-1122

Attention please:

The information herein is given to describe certain components and shall not be Considered as a guarantee of characteristics. Terms of delivery and rights to Technical change reserved.

For further information on technology, delivery terms, conditions and prices, please Contact the sales department at PMT headquarters at 1-775-883-1122

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