



**Mid Power Cross Feed Combiner**

## About Hermercs



Based on material as the ferrite and ceramics, Hermercs developed a product chain from components to sub systems and integrated systems, which widely recognized from Satcom, Microwave, Test and Measurements and applications.

After decade of focusing on the dedicated category, Hermercs win a reputation within the industry from some global leading companies and also by conducting the modern management systems as the ISO9001/ISO14001, cloud manufacturing, Hermercs brings cutting-edge technology to provide innovative solutions as the reliable open partner for cooperation. All Hermercs commercial parts comply with the RoHS and Reach requirements. Hermercs keeps big investment for design and research, from basic materials to applications, and holds many patents and IPR from materials to components to systems, from hardware to software.

For Satcom industry, Hermercs is very proud to offer the solution from ground station to aerospace parts and from components to testing systems as the combining networks, switching networks and double ridge waveguide networks. For microwave communication industry, we are more focusing on the mobile backhaul market, from longhaul to shorthaul and smallcell applications.



For the testing and measurements industry, Hermercs developed the product line up to 110GHz as the calibration kits, testing accessories and general/customized testing systems, and for future vision, all general systems are cloud based. for the filter industry and also, some absorbers for the waveguide components applications.

Hermercs

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# Mid Power Cross Feed Combiner



P/N: EOPC-2-S0S0-0301200

## FEATURES

- ❖ Microstrip Output
- ❖ Stripline Structure For Circuit
- ❖ Low Insertion Loss
- ❖ High Isolation
- ❖ High Power Handling
- ❖ Inner Termination

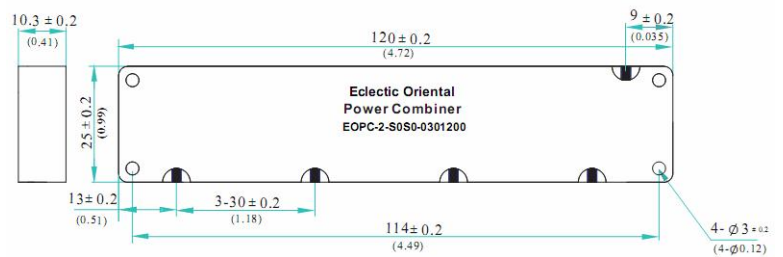
## SPECIFICATIONS

Frequency Range	Insertion Loss	Isolation	VSWR	Amplitude Balance
3.1-3.4GHz	0.5dB	22dB	1.30	±0.25dB
Phase Balance	Connector	Power Handling (Avg/Peak)	Working Temperature	Storage Temperature
8°	-----	200W/2KW	-55~+85℃	-55~+100℃

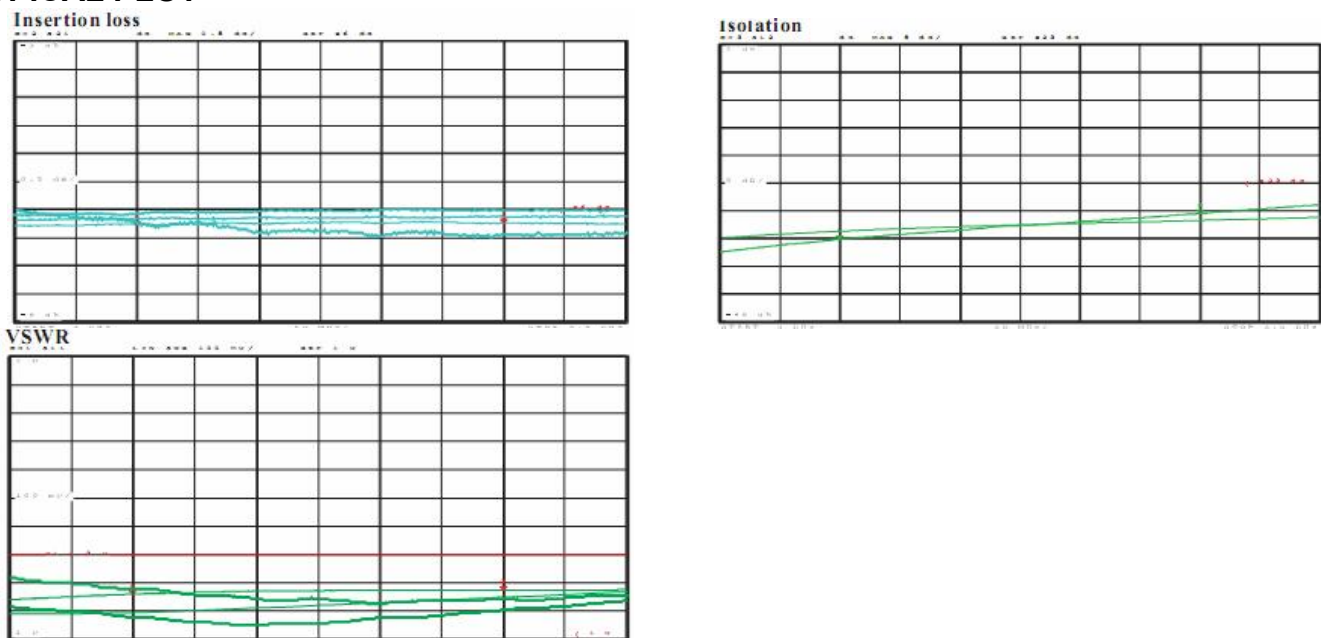
Note 1. It mainly is used for mid power transmitter of radar and wireless communication.

Note 2. This is Hermercs standard product and can be customized .

## OUTLINE:



## TYPICAL PLOT



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# HERMERCS

We highlight values as:

Customer Focused   Value Delivered  
Growth Synergic   Innovation Driven

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