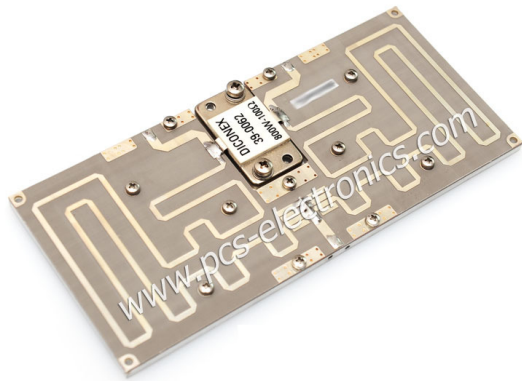


2KW COMBINER/SPLITTER

<http://www.pcs-electronics.com/2000w-band-combiner-splitter-p-2641.html>



Performance input:

Electrical Specifications

Parameter	Min.	Typ.	Max.	Units.	Note
Input power		20	25	W	CW
Return Loss input port	-20	-25		dB	
Return Loss ouput ports	-18	-20		dB	
Insertion Loss @ 108 MHz			0.5	dB	
Isolation between output ports	-18	-20		dB	
Input Connection					Solder tab
Output Connection					Solder tab

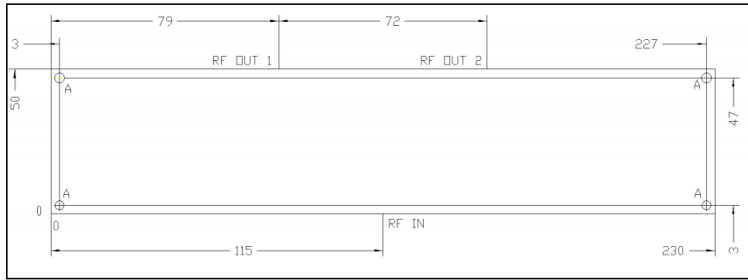
Typical Performance



Input Return Loss and Insertion Loss

Mechanical layout for input:

Mechanical Layout



Screws Type:

Screws point A: 4 M3 Socket head cap screws + 4 Split lock washers WZ \varnothing 3.5

Performance output:

Electrical Specifications

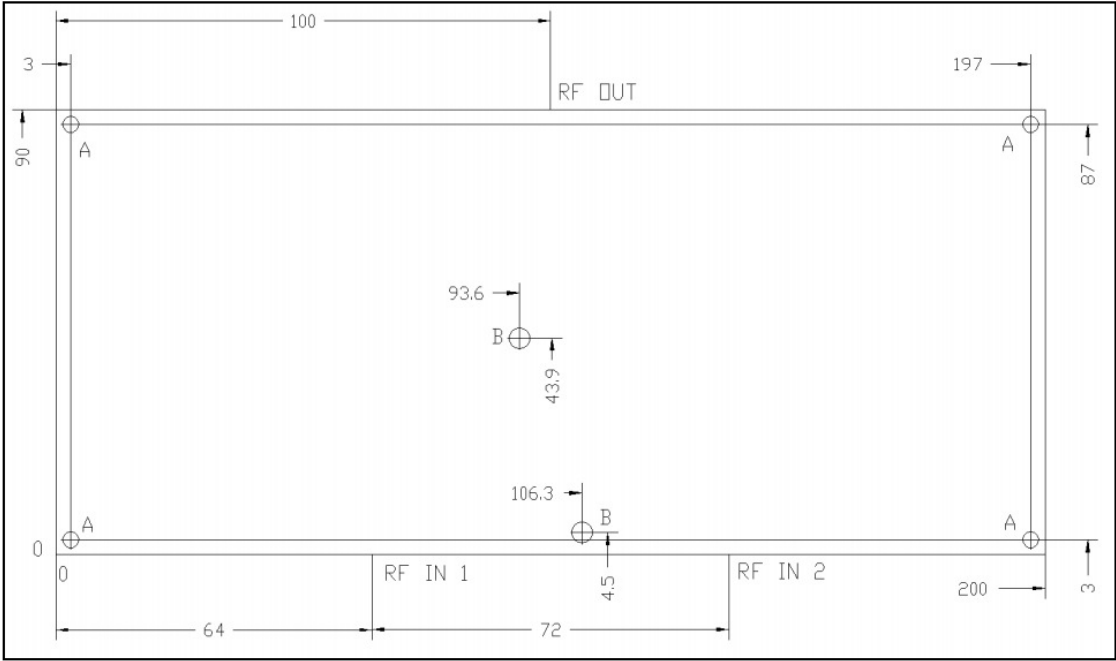
Parameter	Min.	Typ.	Max.	Units.	Note
Output power		2000	2100	W	CW
Return Loss output port	-17	-20		dB	
Return Loss input ports	-20	-25		dB	
Insertion Loss			0.2	dB	
Isolation between input ports	-20	-25		dB	
Input Connection					Solder tab
Output Connection					Solder tab

Typical Performance



Mechanical layout for output:

Mechanical Layout



Screws Type:

Screws point A: 4 M3 Socket head cap screws + 4 Split lock washers WZ \varnothing 3.5
Screws point B: 2 M4 Socket head cap screws + 2 Split lock washers WZ \varnothing 4.5