

ELECTRICAL SPECIFICATIONS

Parameter	Symbol	Min	Typ	Max	Unit
Frequency Range	BW	80.25		82.25	MHz
Insertion Loss	IL			0.2	dB
Magnitude Balance	ΔM			± 0.2	dB
Phase Difference	$\Delta \Phi$	85		95	Deg
Return Loss	RL	18	20		dB
Isolation	ISO	15			dB
Combined Power Rating	P _o	50			kW

MECHANICAL SPECIFICATIONS

Parameter	Value	Unit	
Dimension (Except Connectors)	838 x 165.7 x 158	mm	Typ.
Weight	30	kg	Typ.
Output Connector	4-1/16" EIA		
Input Connector	3-1/8" EIA x2		
Termination Connector	3-1/8" EIA		

ENVIRONMENTAL CHARACTERISTICS

Parameter	Symbol	Min	Typ	Max	Unit
Operating Ambient Temperature	T	-20		+70	°C
Storage Temperature	T _{STG}	-40		+85	°C

RF CONNECTORS

Port #	Description	Specifications
J1	Output	Combined RF Output
J2	Input 1	RF Input 1 (0°)
J3	Input 2	RF Input 1 (-90°)
J4	Isolation	Isolation

C81R25P50000 80.25 – 82.25 MHz / 50kW

OUTLINE DRAWING

