

ELECTRICAL SPECIFICATIONS <Combiner>

Parameter	Symbol	Min	Typ	Max	Unit
Frequency Range	BW	161.5		163.5	MHz
Insertion Loss	IL			0.25	dB
Magnitude Balance	ΔM			± 0.2	dB
Phase Difference	$\Delta \Phi$	85		95	Deg
VSWR	VSWR			1.2:1	
Isolation	ISO	20			dB
Combined Power Rating	P _o	4			kW

ELECTRICAL SPECIFICATIONS <Coupler>

Parameter	Symbol	Min	Typ	Max	Unit
Frequency Range	BW	161.5		163.5	MHz
Insertion Loss	IL			0.25	dB
Coupling Value	C	52.5		61.5	dB
VSWR	VSWR			1.2:1	
Directivity	D	20			dB

MECHANICAL SPECIFICATIONS

Parameter	Value	Unit	
Dimension (Except Connectors)	334.4 x 391.0 x 60.1	mm	Typ.
Weight	15	kg	Typ.
Output Connector	4-1/16" EIA		
Input Connectors	Din Female		
Coupler Connectors	SMA Female		

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, J3, J4, J5	Input	RF Input
FWD	Coupling Measure	-
REV	Isolation Measure	-

OUTLINE DRAWING

