

C Band 1:8 Active Combiner, 1U Rack Mount Enclosure

WMU-102



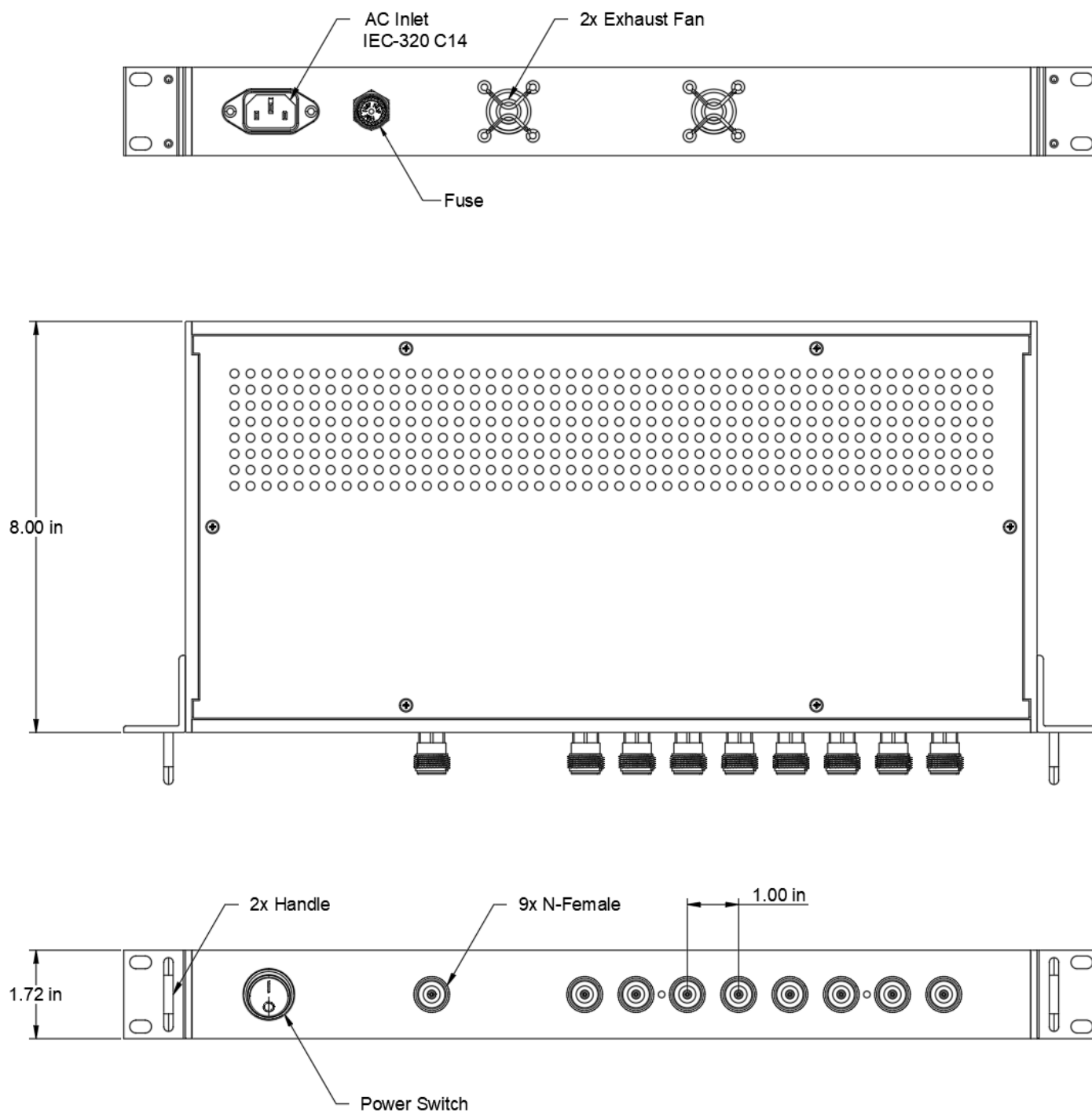
Parameter	Min.	Typ.	Max.	Unit
Frequency Range	5800		6500	MHz
Impedance		50		Ω
Return Loss (Port 0)		15		dB
Return Loss (Port 1-8)		15		dB
Gain	0	0.5		dB
Gain Flatness		± 1		dB
Isolation	22			dB
Amplitude Unbalance ($\pm$) ¹		0.5		dB.
Phase Unbalance ($\pm$) ¹		4		Degree

Specification		Specification	
Power Supply	100-240VAC; 50/60 Hz	Power Connector	IEC C14 Inlet
Fuse	2A, 250VAC	Power Consumption	50W Max
DC Blocking	All ports; +50 VDC max.	Input Power (no Damage)	-20 dBm, max.

Connector Interface	N Female	RoHS Status ⁴	RoHS3 Compliant
Operating Temperature ³	-0 to +50 °C	REACH Status ⁴	REACH Unaffected
Storage Temperature	-20 to +60 °C	Enclosure Material	Aluminum/Steel
Nominal Weight	3.4 kg (7.5 lb.)	Connectors Material	Stainless Steel
Operating Humidity	10-90% (non-condensing)	Contacts Material	Beryllium Copper, Gold Plated
Operating Environment	Indoor Use Only	Insulators Material	Virgin PTFE
HTSUS Code	8543.70.99	Finish	Black Paint
ECCN	EAR99	Country of Origin	USA

1. With reference to average.
2. All output ports should be terminated in a 50-ohm load with 1.2:1 max VSWR.
3. Electrical specifications are tested at +25 °C.
4. To the best of our knowledge at the time of publication.

Outline Dimensions

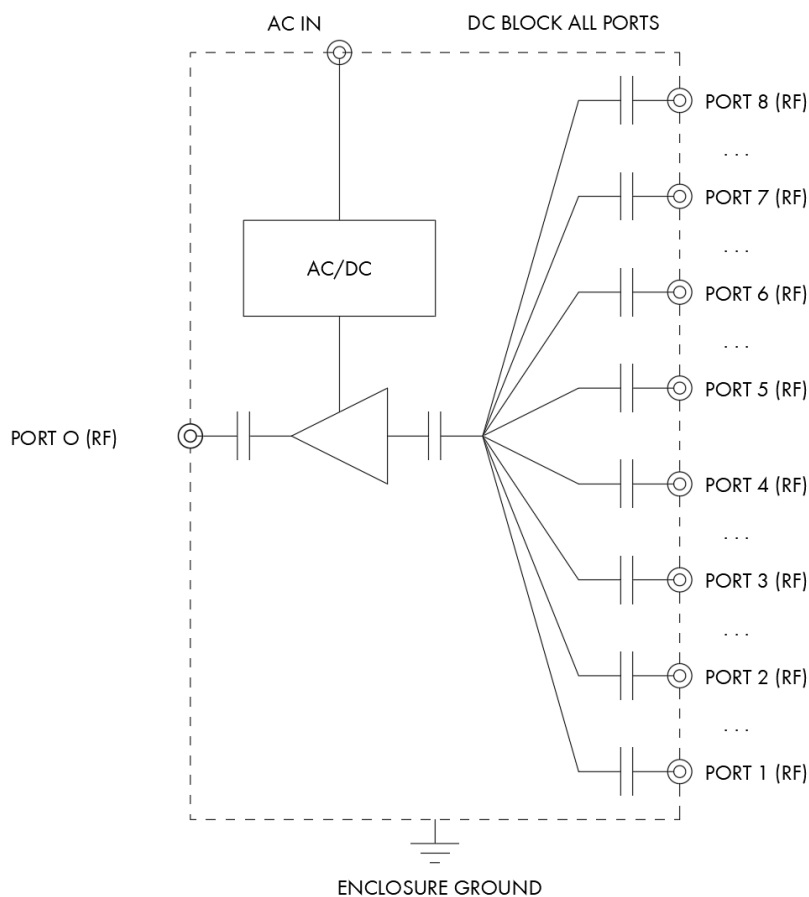


Outline drawing: OL-U-1-1X8-N

Dimensions are in inches, [mm] shown for convenience.

Tolerances on 2-pl decimals: ± 0.03 . 3-pl decimals: ± 0.015 .

Simplified Electrical Schematic



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