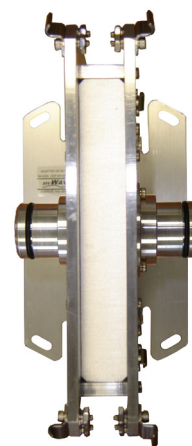
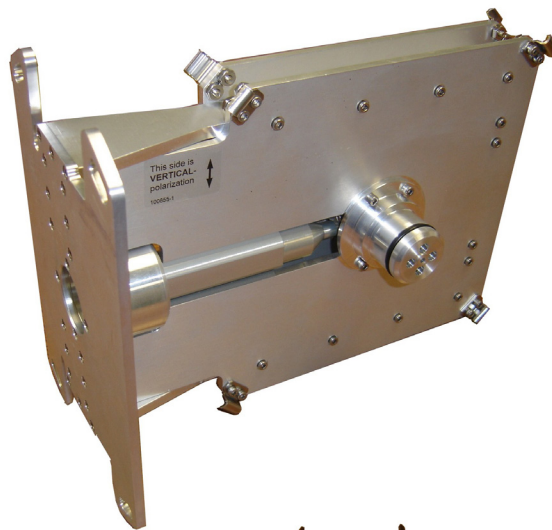


Model

ADP-800-MW

80 GHz Dual Polarization Adapter
Adaptable to many OEM Radio Interfaces

These innovative Dual Polarization Adapter assemblies are engineered to the highest quality standards for optimum RF performance and robust design. They are machined from high-grade aluminum stock with extremely tight tolerances to achieve the best performance to any link. Made in the USA.



Four slots at antenna attachment points allow $\pm 3^\circ$ polarization adjustment.

Features

- Adapts 1-ft. (0.3m), 2-ft. (0.6m) and 3-ft. (0.9m) antenna with mWAVE WC13 standard interface to mount two ODU's
- Bolts to antenna to allow polarization optimization
- Standard strikes used to attach ODU's
- Orient ODU to match horizontal or vertical polarization arrow labels
- Robust aluminum construction
- Weight 5 lbs / 80 kg
- Stainless steel hardware
- ROHS compliant metal finish
- Packaged to ship individually

Electrical

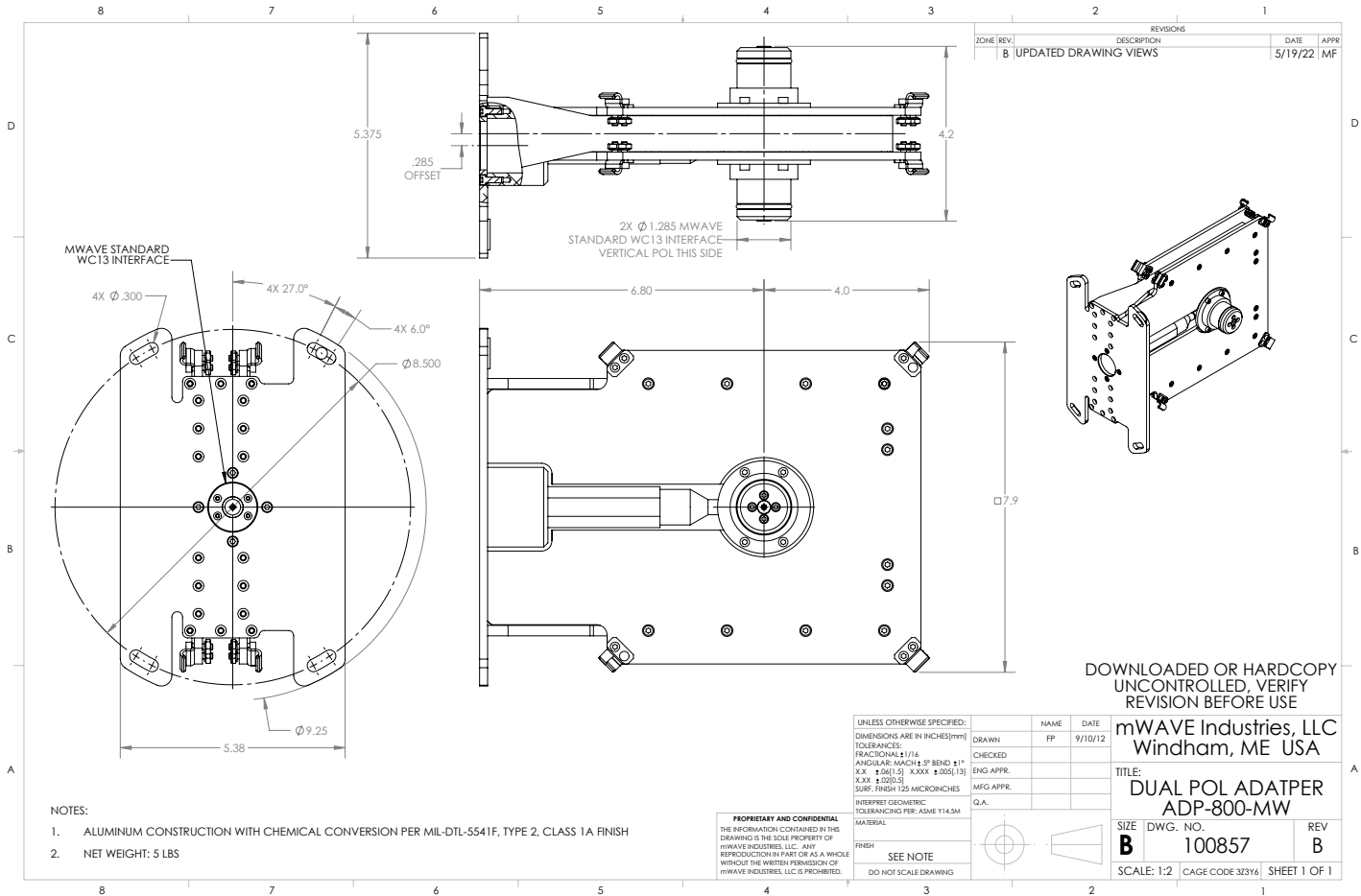
Frequency Band	71.0 - 76.0 GHz / 81.0 - 86.0 GHz
Polarization	H & V
Insertion Loss Avg.	1.3 dB
Insertion Loss Max.	2.5 dB
Isolation Min.	40 dB
Return Loss Avg.	18 dB
Return Loss Min.	12.5 dB
Mounting	Two Slip-Fit OMT's with OEM specified mounting strikes
Environmental use	Sealed for outdoor use
Construction	Machined high-strength 6061-T6 aluminum stock
Finish	Chemical Conversion per MIL-DTL-5541F, Type 2, Class 1A, Clear finish
Container	Corrugated box
Origin	Engineered and Manufactured in Windham, ME USA

Notes: (1.) Referenced product specifications are subject to change without notice.
Designed, Engineered, and Manufactured in Windham, ME USA
mWAVE Industries is part of the Alaris Holdings Group of Companies.
© mWAVE Industries LLC - 2022 All rights reserved

Form: ADP-800-MW-220518_rev.0-DS



Mechanical



Notes: (1.) Referenced product specifications are subject to change without notice.
Designed, Engineered, and Manufactured in Windham, ME USA
mWAVE Industries is part of the Alaris Holdings Group of Companies.
© mWAVE Industries LLC - 2022 All rights reserved

Form: ADP-800-MW-220518_rev.0-DS

