



What It Is

ETM's Military Qualified Outdoor Unit (ODU) product line has continued to expand, now including CW and Pulsed, Solid State and TWT, Broadband and Narrow Band.

ETM Broadband Models:

- S300L-ODU: 300W, 0.5-2.0 GHz, CW SSA
- 300SC-ODU: 300W, 2-6 GHz, CW TWTA
- 300IJ-ODU: 275W, 6-18 GHz, CW TWTA
- 40KKa-ODU: 40W, 18-40 GHz, CW TWTA
- 500SC-ODU: 500W, 2.5-7.5 GHz, CW TWTA
- 800SC-ODU: 800W, 2.5-7.5 GHz, CW TWTA
- 500IJ-ODU: 500W, 6-18 GHz, CW TWTA
- 43PS-ODU: 4kW, 2-4 GHz, Pulsed TWTA
- 43PC-ODU: 4kW, 4-8 GHz, Pulsed TWTA
- 53PX-ODU: 5kW, 8-12 GHz, Pulsed TWTA
- 33PKu-ODU: 3kW, 12-18 GHz, Pulsed TWTA
- 63PC-ODU: 6kW, 6-7 GHz, Pulsed TWTA
- 13PKa-ODU: 1kW, 33-36 GHz, Pulsed TWTA

Many narrow band models also available for Radar and Communications.

Notable Specs & Features

- Sealed design for exposed outdoor operation
- Operating temperature -40C to +50C
- Mil-Std-810 for Shock and Vibration
- Mil-Std-461 for EMI (RE, RS, CE, CS)
- Optional mounting accessories available

Why It's Important

Built tough for any environment. No need for pampering.

- No air-conditioning or weather shielding necessary in outdoor environments
- No additional shock mounts or vibration suppression necessary in rugged environments
- No EMI shielding necessary in EMI environments
- Mount closer to antenna feed = less RF loss

Potential Markets

Designed specifically for the Defense market.

- RF Jamming, Threat Simulation, Radar, Comm
- Perfect for Military vehicles and trailers
- Perfect for antenna mount applications

