

Install secure remote communication sites in less than a day.

Micro Radio Sites

Pepro's new Micro Radio Site is designed to provide a complete site solution in a compact, lightweight unit, offering the highest level of protection with the lowest completed cost.

Pepro's Patented Shielding Technology

All Pepro enclosures provide shielding against lightning, EMI and RFI through the use of Faraday Cage Technology. Pepro enclosures have provided our customers with over 18 years of service without loss or upset due to lightning.

Versatility

The lightweight all aluminum welded uni-body design allows the micro radio site to be deployed by ATV, pickup truck, or helicopter to a wide range of locations.

Zero Environmental Impact

Pepro's Micro Radio Sites require no foundation and no excavation, which eliminates the need for geotechnical, environmental impact and archeological studies.



NORTHWIND
Engineering

Contracting qualifies for 8A, American Indian, HUBZone, Disadvantaged and Women-Owned Small Business



Specifications:

Enclosure

Dimensions 38"W x 45"D x 67"H
Weight: 620 lbs.
Rack Units: 27
Floor Load: 400 lb./sq. foot
Roof Load: 200 lb./sq. foot

Shielded Power Entry

MU Metal Lined Enclosure
100A Power Filters
UL 1449 Surge Suppression
AC or DC

Options:

20' Unguyed Tower

HVAC

Passive Ventilation
Fan Exhaust
1/2 Ton Closed Loop Air Conditioner

Solar Panel Bracket

Shielded Cable Entry Gland

Enclosure Base

Towable Tower Platform Base
Tower Platform Base
Skid Rails
Angle Adapters

Battery Tray

Electrical

AC: 30A 6 space Load Center or 60A 8 space Load Center
Up to (4) 120V / 20A Circuits
Up to (2) 750 Lumen LED Lights

DC: Fused Terminal Block
Up to (2) 750 Lumen LED Lights

Complete Turnkey Site Installation Services Available

Technical Specifications | Independent Laboratory-Tested Protection Levels

RFI

70 dB rating from
20 MHz to 3.29 GHz

LIGHTNING

Over 1 Million volt, 82,000 amp
direct strike on enclosure with less than
10 microjoule penetration inside enclosure

EMI

40 dB
Magnetic Field

Testing performed by Lightning Technologies, Inc and National Technical Systems, Inc.

These products are covered under patent #'s 5,749,178; 7,046,521; 7,385,147 and 7,688,595. All patents pending



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