



STANDARD
MIL-STD
810

STANDARD
MIL-STD
461

STANDARD
MIL-STD
188-164

Size:

0.60m

PMA-60-MIL

Rapid-Deployment Anywhere

Ready in under 5 minutes, the compact pedestal requires no tools for assembly. Its lightweight design and manual adjustment enable swift deployment with reliable auto-acquisition.

Multiple Operating Modes

Supports versatile modes for dynamic missions. Multi-band feeds, field-swappable modules, and a modem-agnostic architecture offer maximum flexibility and easy maintenance.

Instantly Operational

Advanced algorithms ensure accurate satellite acquisition and stable links. Built-in Web GUI, ruggedized field UI, and integrated M&C simplify operation, while fanless cooling enhances reliability for IP, VPN, and video streaming..

Key Features

- Extra Compact and Fast
- AC / DC Power Source acceptable
- BB2590 MIL Battery Operation
- Auto - pointing or Assisted Manual Pointing
- Field Changeable Multi Band Feed options
- Ruggedized Display Screen GUI
- Modem Agnostic integrated M&C
- Fanless Silent IP67 ACU
- Backpack or Trolley Case options
- Toolless Manual override mechanism



GENERAL SPECIFICATIONS

Reflector Diameter
Reflector Type
Antenna Concept
Power Supply
Power Consumption

PMA-60-MIL

0.6m Carbon - Fiber
Dielectric Back Feed Assembly
Segmented
220VAC 50Hz
≤ 70W

RF CHARACTERISTIC

Frequency (GHz) Tx
Frequency (GHz) Rx
Antenna Gain (±0.2 dBi) Tx
Antenna Gain (±0.2 dBi) Rx
VSWR
Polarization
Axial Ratio (dB)
Antenna Pattern Compliancy

Ku-Band

13.75 - 14.50
10.70 - 12.75
36.4+20lg(f/14.25)
35.3+20lg(f/12.5)
1.5
Linear
30
ITU-R S.580-6.

Ka-Band

27.50 - 31.00
17.70 - 21.20
42.2+20lg(f/30)
38.7+20lg(f/20)
1.5
Circular
1.5
ITU-R S.580-6.

MECHANICAL SPECIFICATIONS

Antenna Motion Range
Antenna Drive Rate
Motor
Weight

EL Axis

5 - 90°
0.1° /S ~3° /S
DC Brushless Servo with Brakes
≤ 9KG (without BUC, LNB, packaging and accessories etc.)

AZ Axis

± 180°
0.1° /S ~3° /S

Polarization

± 90°
1° /S

ENVIRONMENTAL SPECIFICATIONS

Temperature Range Operational
Temperature Range Survival
Wind Speed Operational
Wind Speed Survival
Protection Grade
Solar Radiation

PMA-60-MIL

-40°C - +55°C
-50°C - +70°C
gusting 40 km/h with blance weight
gusting 65 km/h with with blance weight
IP65
1135W/m2

Specifications are subject to change.

