



UHF Fleet SATCOM Man-pack Antenna

PT # RF-MP-243-318 series



Specifications:

Frequency Range: 243 - 318 MHz SATCOM

225 - 400 MHz for UHF LOS

Size: Diameter in its stowed position: 1.85", Height 10.25"

Weight: Less than 1 lb

Power handling: 200 Watts

VSWR: < 1.5:1 throughout the SATCOM band

Gain: 8 dBic in the SATCOM band

Beam Width: 3 dB BW of 100 degrees

Polarization: Right Hand Circular

Operating Temperature: (-25 to +160 degrees F)

Storage Temperature: (-54 to +250 degree F)

Special Features

Unique Employment Feature: Knurled ring clamp with custom springs for quick antenna element stowage or employment.

Accessories: Magnetic mount (For vehicular operations), Lawn Spike (For unattended placement in ground) & Pistol grip (for hand-held operations).

Finish: Black anodized aluminum

Connector: BNC (F)

Cable: 6 Foot RG-223 BNC (Male) Straight to BNC (Male) straight



The **Man-pack Antenna** provides 8dB of gain and allows the communications operator to hold the antenna, place it securely in the ground or attach it to a vehicle with powerful magnets. The antenna provides a frequency range between 243 to 318 MHz in SATCOM mode and 225 to 400 MHz for UHF LOS mode. **Each antenna comes with a hardened ground spike, magnetic mount, standard kit bag, and a choice of either pistol or straight grip handle.** There is also an optional tactical holster.

Part Numbers for different configurations:

- RF-SAT-MP-243-318A1 (90-degree pistol grip handle)
- RF-SAT-MP-243-318B1 (Straight Handle)
- RF-SAT-MP-243-318A12 (90-degree pistol grip handle & tactical holster)
- RF-SAT-MP-243-318B12 (Straight Handle & tactical holster)

For more information and pricing please contact Tom Staab



RF Concepts INC

Specializing in Tactical Antennas &
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