Description

This state-of-the-art low-profile antenna is designed for 1.75” cavity depth, flush mount in non-ferromagnetic material. The Magnetic Flux Channel (MFC) antenna is designed using high hesitivity, low-loss material.

This groundbreaking antenna technology is combined with a JEM’s novel beamforming technology to provide AS-3916 performance in SINCGARS band, exceptional UHF LOS gain, and UHF UFO/MUOS SATCOM capabilities in a 1.75” thick low-profile form-factor.
JEM-2438MFC
Low Profile MFC Antenna

Specifications

**Electrical**
- **Frequency Band**
  - 30 – 512 MHz
  - 240 – 380 MHz
  - Linear, Vertical (30 – 512 MHz)
  - Right-Hand Circular (240 – 380 MHz)
- **VSWR**
  - < 2.0 : 1 (J1 & J2)
- **Gain**
  - -25 to 2 dBiL (-30 – 512 MHz)
  - 3 dBiC (240 – 380 MHz)
- **Connector**
  - TNC Female (30 -512 MHz)
  - Type N Female (240 – 380 MHz)
- **Ground Plane**
  - Ground Plane Independent
- **Power**
  - 125 Watts CW (simultaneously)

**Mechanical**
- **Weight**
  - 15 lbs
- **Dimensions**
  - 24” DIA x 2.0” Flush Flange
- **Finish**
  - MIL-DTL-53039, Type IV, Chemical Agent Resistant Coating