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