JEM-2438MFC
Low-Profile MFC Antenna

DESCRIPTION
The JEM-2438 is a state-of-the-art low-profile antenna designed for 2.5” 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 2.5” thick low-profile form-factor.

All of JEM’s MFC antennas, including the JEM-2438MFC, are based on SBIR technology.

More information about JEM’s SBIR work can be provided upon request.

SPECIFICATIONS

ELECTRICAL

Gain
J0/ J1: -25 dBi to +2 dBi
J2: 0 dBic to +2.5 dBic

Connector
J0/ J1: TNC Female
J2: Type N Female

Ground Plane
Ground Plane Independent

MECHANICAL

Weight
40 lbs (13.5 kg)

Low-Profile Dim.
24” Diameter x 2.5” H (Flush Flange)
(61 cm Diameter x 6.35 H)

Flush Dim.
24” L x 24” W x 2.5” H (Flush Flange)
(61 cm L x 61 cm W x 6.35 cm H)

Mounting
Mounting Materials Optional

Power
125+ Watts CW, Simultaneously

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