

JEM-2438MFC

Low Profile MFC Antenna

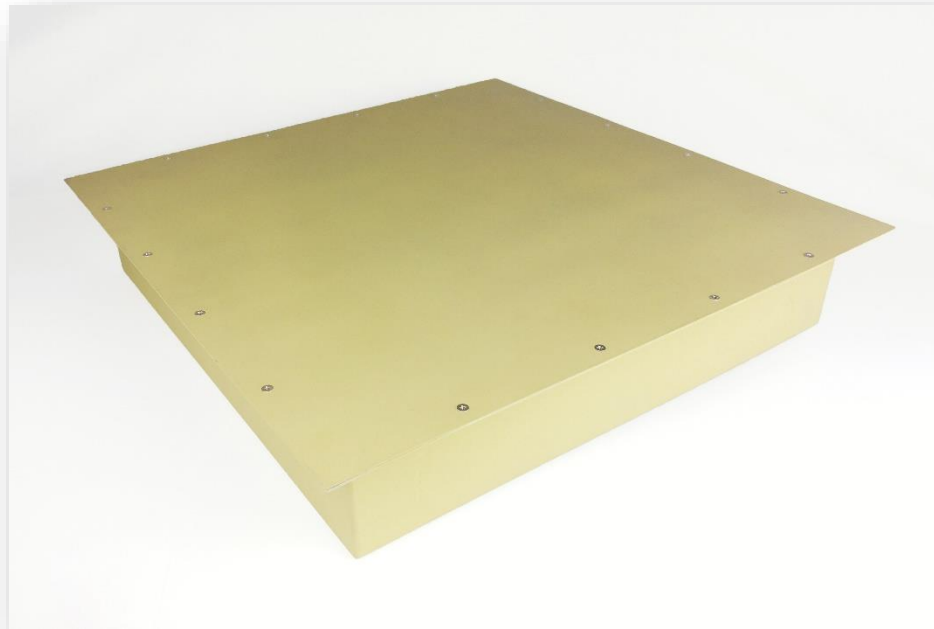
Description

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.



JEM-2438MFC Antenna with Low Profile Radome

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 Antenna with Flush Radome

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	-15 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	100 Watts CW (simultaneously)

Mechanical

Weight	15 lbs
Dimensions	24" DIA x 1.75" Flush Flange
Finish	MIL-DTL-53039, Type IV, Chemical Agent Resistant Coating