

MXF-450

SURFACE MOUNT UHF MAXFIN ANTENNA

PRODUCT OVERVIEW

The MaxFin antenna, MXF-450, includes one UHF element. This Surface Mount UHF antenna covers 440-470 MHz. This antenna is packaged in a sleek-slim profile radome. Its narrow profile fits in between the roof ribs of a Ford Explorer and Ford Interceptor. This eliminates the need to add adapter mounting plates required for other antennas. In addition, this antenna is often used in LMR Fleet Management applications for Public Safety solutions.

Visit our [eStore](#) to customize an Antenna Online.

Electrical Specifications		
Frequency & Gain	UHF Cable 1	440-470 MHz, 2 dB Gain
VSWR	< 2:1 VSWR Over Range	
Impedance	50 Ohm Nominal	
Power Rating	100 Watts	
Mechanical Specifications		
Radome Material & Color	ASA UV-Inhibitive Plastic, Available in Black or White	
Radome Dimension	2.25" Wide (57 mm) x 7.50" Length (190 mm) x 2.50" Height (64 mm)	
Standard Connectors	1x SMA Plug (Male) - Other Options Available	
15 Feet (4.5 m) Cables	LL-195 Cable Other Cable Lengths Available Upon Request	
Operating Temperature	-40° to +80° C	
Mounting	Stud Mount (7/8 - 20 Thread) Mounts up to .20 thk. (5 mm) Surface	
Water Ingress	IP67 (When Properly Mounted)	
Shock and Vibration	IEEE1478, EN 61373, MIL-810G, TIA 329.2-C	
RoHS Compliant	Yes	
Dust & Water Ingress	IP69K (Stud Mount, When Properly Mounted) IP67 (Mag-Mount, When Properly Mounted)	



MXF - 450 - 3C - BLK - 180

Approx. Freq. UHF

Color

Cable Length (in inches)

HIGHLIGHTS:

- 1-Cable: 1x UHF 440 - 470 MHz
- Omni-Directional
- Sleek, Narrow Profile that Fits in the Ribs of a Ford Explorer or Ford Interceptor
- Made-in-the-USA & UK

RELATED MODELS:

- A55136 (Tri-Band P25)
- LLPG304 (1x LTE, 1x UHF, 1x GNSS)
- LTM101 (LTM Radome UHF)

COMMON APPLICATIONS:

- Public Safety
- Police Vehicles
- Land Mobile Radio
- TETRA



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