

The SXMFMA75 / SXMFMA26 is a patent pending design that features a removable and changeable center post that screws on the antenna base allowing for installations with different roof and surface thickness. The antenna base is a high quality rubber that keeps out water and moisture. On the inside there is a plastic washer, metal washer, and nut to keep the inside of the antenna base secure. The antenna has a 6 inch cable with an SMA connector coming from the bottom of the antenna post. By using an SMA connector it allows the connections to be screwed together so you don't have to worry about the antenna connections coming apart after installation.

Package Includes

- (1) Post Antenna with 6" Attached Cable
- (1) 0 Degree Rubber & Plastic Base
- (1) 5 Degree Rubber & Plastic Base
- (1) 10 Degree Rubber & Plastic Base
- (1) 15 Degree Rubber & Plastic Base
- (3) Slotted Center Stud
- (1) Slotted Lock Nut
- (1) 15 or 30 FT Antenna Cable



Select Antenna Installation Location

Select an installation location as high up on the vehicle as possible with no obstructions to the sky as the vehicle moves.



Antenna Installation Instructions

Please Note: It is recommended to add sealant under the rubber base on the surface/ roof of the vehicle or vessel.



1) Remove Assembly

Remove the entire assembly from the bottom of the antenna. Select the rubber base



2) Select Post Length

Included in the package are several threaded center posts. Select the appropriate slotted center post based on the roof/surface thickness.



3) Select Base Angle

Included in the package are several rubber bases, each set to a specific degree. Select the appropriate based depending on the angle of the mounting surface and screw the threaded post up into the bottom of the antenna base till it is tight. For added stability add a small amount of low grade Loctite or other sealant to the post.



4) Drill Hole in Surface

Using a 1/4" bit, drill a hole through the surface. Be sure to have access to the hole from the inside to complete the assembly process.

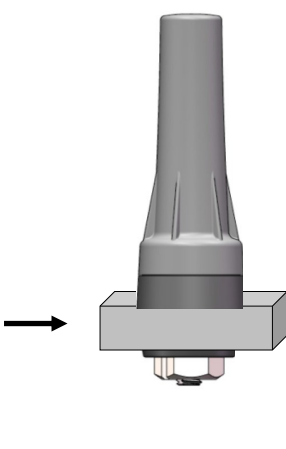


5) Insert Antenna

After the hole is drilled insert the antenna base and center post into the hole. Make sure the center post goes all the way through the roof/surface and that there is enough room to assemble the antenna mount on the inside of the vehicle.

6) Assemble Lock Nut and Plastic Cap

On the inside of the vehicle place the plastic cap and lock nut on the threaded post. Tighten the lock nut in place ensuring the 6" whip cable is coming through the hole and threaded center post. For added stability add a small amount of low grade Loctite or other sealant to the post.



7) Attach Antenna Cable

Next, attach the antenna cable by screwing the SMA connector on the antenna whip cable into the SMA connector on the cable. Run the cable to your receiver and connect to the antenna port on the receiver or dock.

Compatible Receivers

- Works with all Sirius, XM and SiriusXM™ receivers and docks with a standard SMB connector.
- Receivers with FAKRA connectors require a special adapter to connect the antenna.
- Works with SiriusXM™ Weather Marine systems

Please note: When installing this antenna with a SiriusXM™ Weather Marine system and the SXV300V1 tuner the model # SXM-ANT-SPLIT Marine Antenna Splitter Kit is required to split the antenna signal.

Technical Specifications

Electrical

Frequency: 2320 to 2345 MHz
Gain: 2 dBic (20-60 deg elevation)
5 dBic (60-90 deg elevation) -3 dBi (horizon)
Bandwidth: 25 MHz
Impedance: 50 ohms
Polarization LHCP (20-60 deg elevation) Linear (horizon)

LNA

Integrated inside radome
Gain: 28 dB, typical
Noise Figure: 1.0 dB, maximum
Power: 4.5 Vdc, nominal
Current Drain: 120 mA, maximum
Unwanted Signal Rejection: New Gen 2 filter

Cable

Type: RG-316, RG-58 dual shield
Length: 30 Feet
Connector: Straight SMB Female

Technical Specs

Model #: XMM4
Manufacturer: Pixel Technologies
Dimensions: 10.25 inches high
Weight: 0.25 lbs w/out Cable

Mounting

Fits 0.5" hole
Up to 3" thick roof
0 - 20 degree slope
Rated Wind Velocity: 150 MPH
Weight: 0.25 lbs w/out Cable

Other Specifications

Temperature: -40 degrees C to +105 degrees C, operating
Temperature: -45 degrees C to +120 degrees C, storage

Mechanical Specifications

Overall Height: 4.2"
Housing Material: Black ASA, UV Stable, Stainless



*Custom-Length Cable Options and Styles Available
OEM Version for RV Manufacturers Available
Custom Packaging and Labeling Available*