

TETRA UHF

Internal Glass Mount Antenna

V3 19/04/2016



EF395

Covert application

No-hole installation

Can be removed without a trace

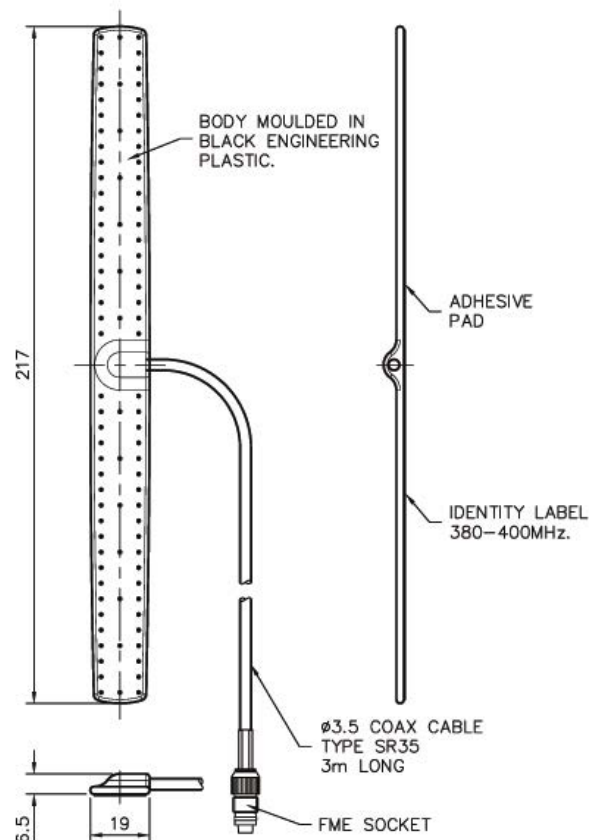
The EF series UHF internal glass mounting antenna provides a low visibility antenna solution for discreet or covert installations.

The antenna tuning is optimised to match a range of different automotive glass types to provide consistent performance in a wide range of vehicles and mounting positions.

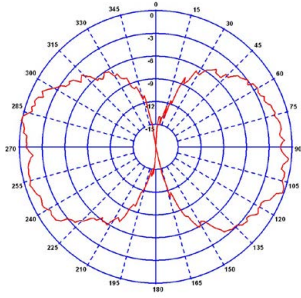
With a flexible form factor, the antenna will adapt to the curvature of the glass and is easy to install with the pre-fitted automotive grade adhesive pad. The antenna is completely over-moulded for durability and sealed connection of the supplied high quality RG174 coaxial cable, which allows fitment of a wide range of connectors.

The EF series – the solution for a permanent or temporary covert installation.

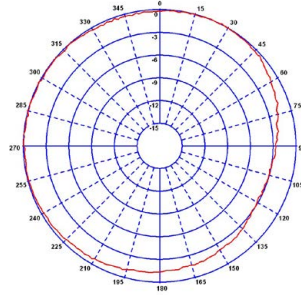
Technical Drawing



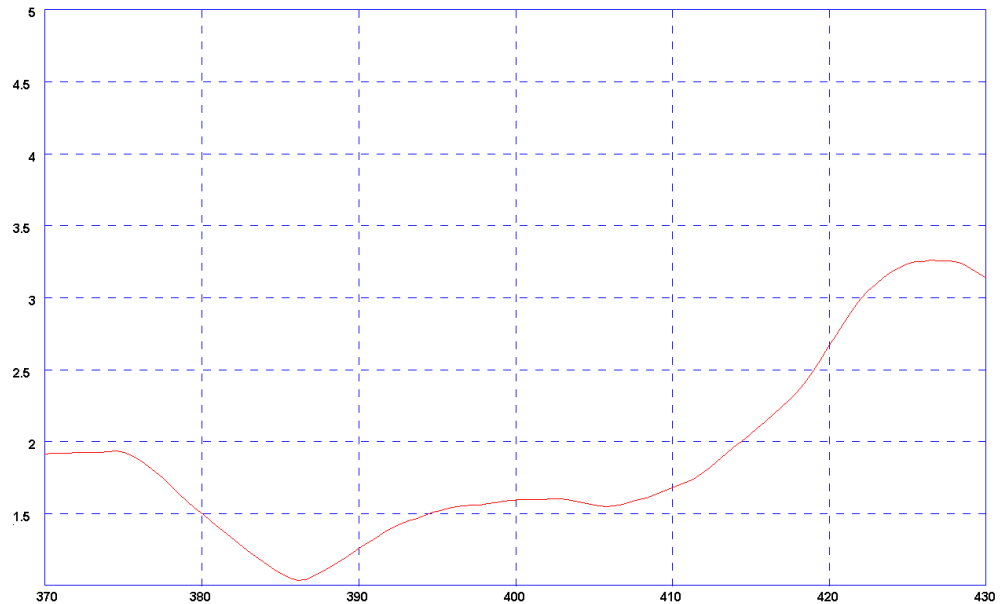
Typical E-Plane (395MHz)



Typical H-Plane (395MHz)



Typical VSWR



* EF395-3F measured on typical windshield glass 4mm thick.

Part No.

EF395-3F

Electrical Data

Frequency Range (MHz)	380-410
Operational Band	S1+
Peak Gain: Isotropic	2dBi
Compared to ¼ wave	0dB
Bandwidth @ 2:1 VSWR	10%
Polarisation	Vertical
Pattern	Omni-directional
Impedance	50Ω
Max Input Power (W)	20

Mechanical Data

Dimensions (mm)	Length	217 (8.5")
	Width	19 (0.7")
	Thickness	2.5 (0.1")
Operating Temp (°C)	-40° / +80°C (-40° / +176°F)	
Material	TPE	
Colour	Black	

Mounting Data

Fixing	Internal glass mount
Material	Acrylic adhesive pad
Colour	Black

Cable Data

Type	RG174
Diameter (mm)	2.8 (0.11")
Length (m)	3 (9'10")
Termination	FME socket

Waiver: The data given above is indicative of the performance of the product/s under particular conditions and does not imply a guarantee of performance. These specifications are subject to change without notice.

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