

Product Data Sheet

Internal Glassmount

TETRA UHF

Internal Glass Mount Antenna



EF

Covert application

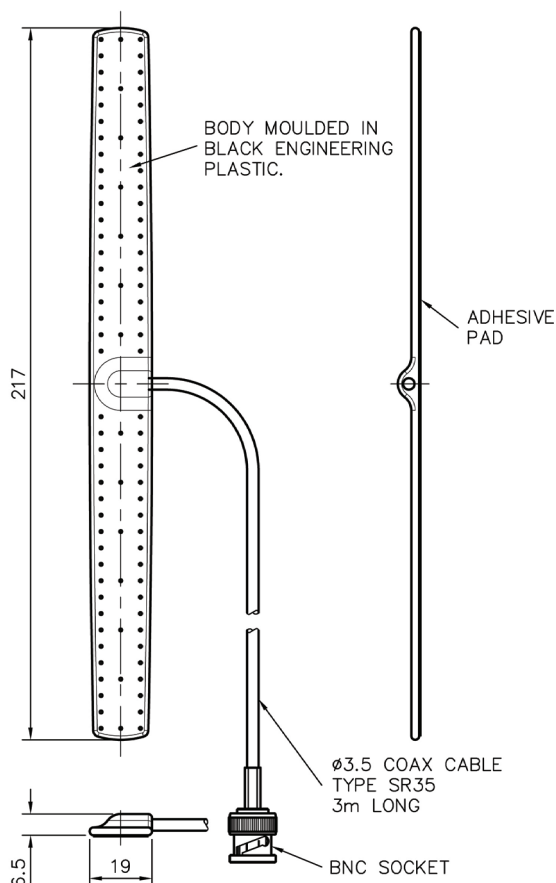
No-hole installation

Can be removed without a trace

The TETRA UHF EF 'easy fit' antennas expand your voice and data coverage without spoiling your view. Connected to a car kit, the UHF easy fit antennas provide radical signal improvements in cities, suburbs and on the motorway.

With their secure but easy to fit adhesive pad mountings, the EF antenna provide a huge range of possibilities for the installer. Whether mounted by the door pillar or behind the rear view mirror the only thing the user will notice is the superb quality of their voice calls and data connection.

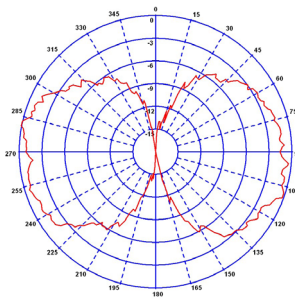
Technical Drawing



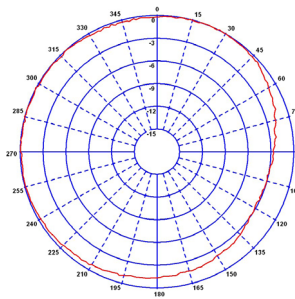
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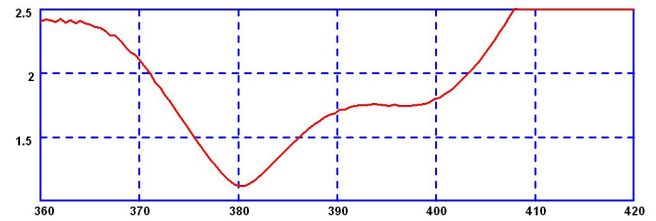
E-Plane (390MHz)



H-Plane (390MHz)



Typical VSWR



Part No.						
	EF-R1-3B	EF-R2-3B	EF-S1-3B	EF-S2-3B	EF-S3-3B	EF-S4-3B
Electrical Data						
Frequency Range (MHz)	300-334	350-370	380-400	410-430	380-420	450-470
Operational Band	R1	R2	S1	S2	S3	S4
Gain: Isotropic	2dBi	2dBi	2dBi	2dBi	2dBi	2dBi
Compared to ¼ wave	0dB	0dB	0dB	0dB	0dB	0dB
Bandwidth @ 1.5:1 VSWR	10%	10%	10%	10%	10%	10%
Polarisation	Vertical	Vertical	Vertical	Vertical	Vertical	Vertical
Pattern	Omni-directional	Omni-directional	Omni-directional	Omni-directional	Omni-directional	Omni-directional
Impedance	50Ω	50Ω	50Ω	50Ω	50Ω	50Ω
Max Input Power (W)	20	20	20	20	20	20
Mechanical Data						
Dimensions (mm)	Length	217	217	217	217	217
	Width	19	19	19	19	19
	Thickness	2.5	2.5	2.5	2.5	2.5
Operating Temp (°C)	-40° / +80°C	-40° / +80°C	-40° / +80°C	-40° / +80°C	-40° / +80°C	-40° / +80°C
Material	Engineering plastic	Engineering plastic	Engineering plastic	Engineering plastic	Engineering plastic	Engineering plastic
Colour	Black	Black	Black	Black	Black	Black
Mounting Data						
Fixing	Internal glass mount	Internal glass mount	Internal glass mount	Internal glass mount	Internal glass mount	Internal glass mount
Material	Acrylic adhesive pad	Acrylic adhesive pad	Acrylic adhesive pad	Acrylic adhesive pad	Acrylic adhesive pad	Acrylic adhesive pad
Colour	Black	Black	Black	Black	Black	Black
Cable Data						
Type	SR35	SR35	SR35	SR35	SR35	SR35
Thickness (mm)	3.5	3.5	3.5	3.5	3.5	3.5
Length (m)	3	3	3	3	3	3
Termination	BNC socket	BNC socket	BNC socket	BNC socket	BNC socket	BNC socket

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