

ASFC-155-U2-B1

Tri Band Whip

01/06/2017 v4



ASFC-155-U2-B1

Tri band performance

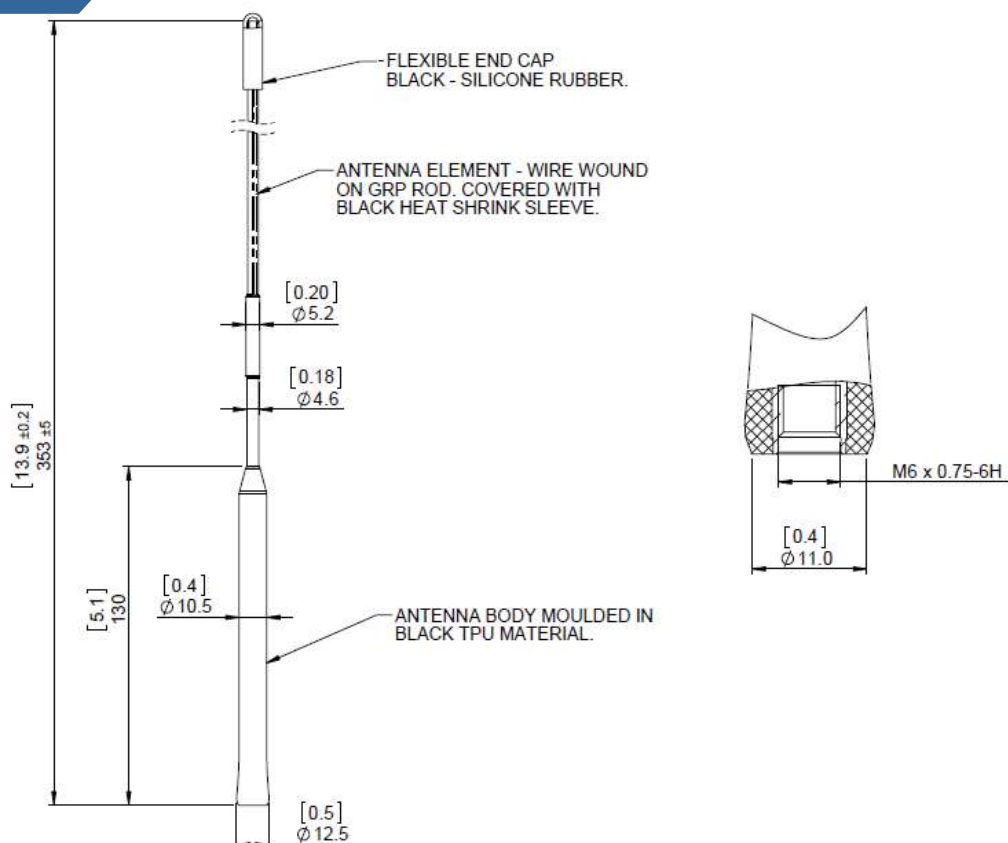
Flexible rod with wound element

Fits Panorama GPS combination bases

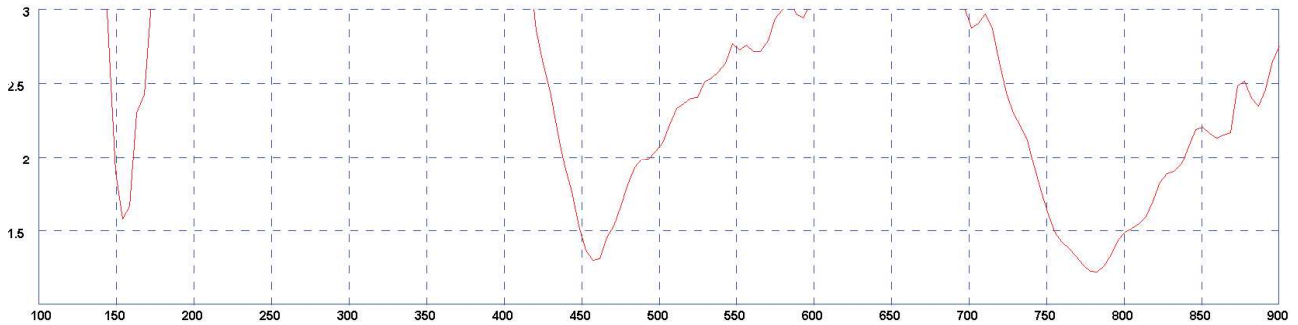
The ASFC-155-U2-B1 covers VHF 150-160MHz, UHF 450-512MHz and the 745-806 MHz band with fallback coverage across 806-870MHz. The antenna whip is stylish, discreet and durable featuring a flexible overmoulded base section and a black jacketed flexible wound rod element.

The ASFC-155-U2-B1 is designed to be mounted on the GPSB and GPSK range of bases.

Technical Drawing

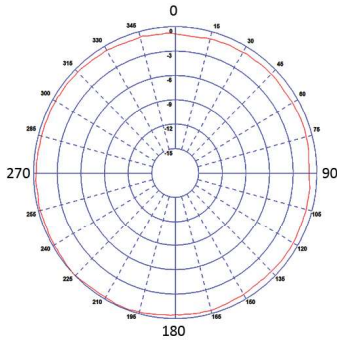


Typical VSWR*

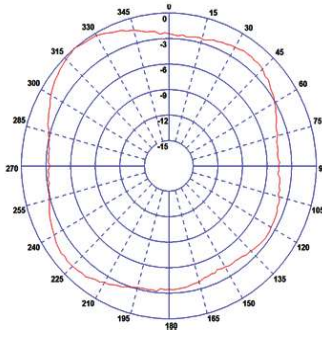


*Measured on GPSB base on a 5 x 5 ft (1.5m x 1.5m) ground plane with 10ft (3m) of CS23 cable.

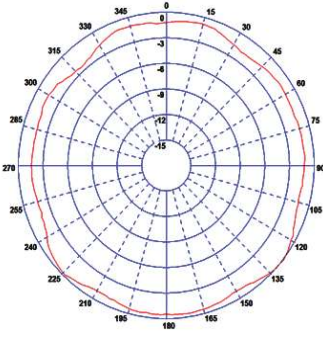
Typical H-Plane (155 MHz)



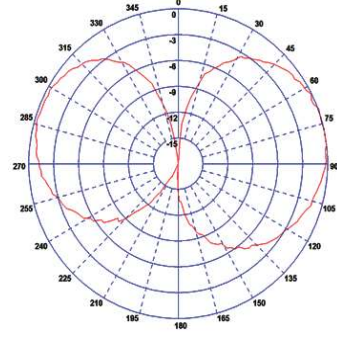
Typical H-Plane (460 MHz)



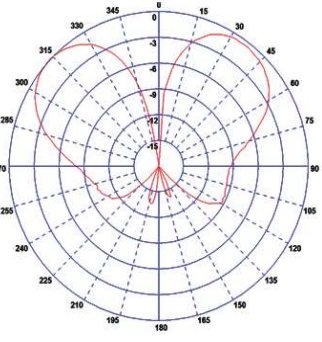
Typical H-Plane (780 MHz)



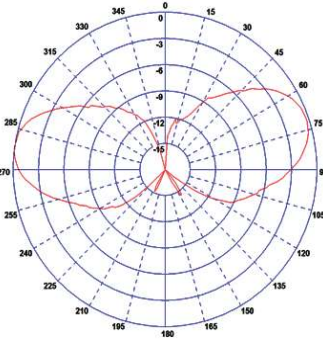
Typical E-Plane (155 MHz)



Typical E-Plane (460 MHz)



Typical E-Plane (780 MHz)



Part No.

ASFC-155-U2-B1

Electrical Data

Frequency Range (MHz)

150-160 / 450-512 / 745-806 / (806-870)

Typical VSWR*

< 2.5:1 @ VHF / < 2.5:1 UHF / < 2:1 700MHz / < 2.5:1 800MHz

155MHz

Unity

Peak Gain (dB)*

460MHz

Unity

7/800MHz

2dB

Polarisation

Vertical

Pattern

Omni-directional

Impedance

50Ω

Max Input Power

60

Mechanical Data

Dimensions (mm)

Height

353 (13.9")

Terminal

M6 x 0.75

Operating Temp (°C)

-30° / +80°C (-22° / +176°F)

Material

Flexible TPU, FRP, Silicone Rubber

Colour

Black

*Peak gain at the horizon referenced against a 1/4 wave under the same conditions (dBq)

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