

# Ultra Flexible Whip

AFNT-[VAR]



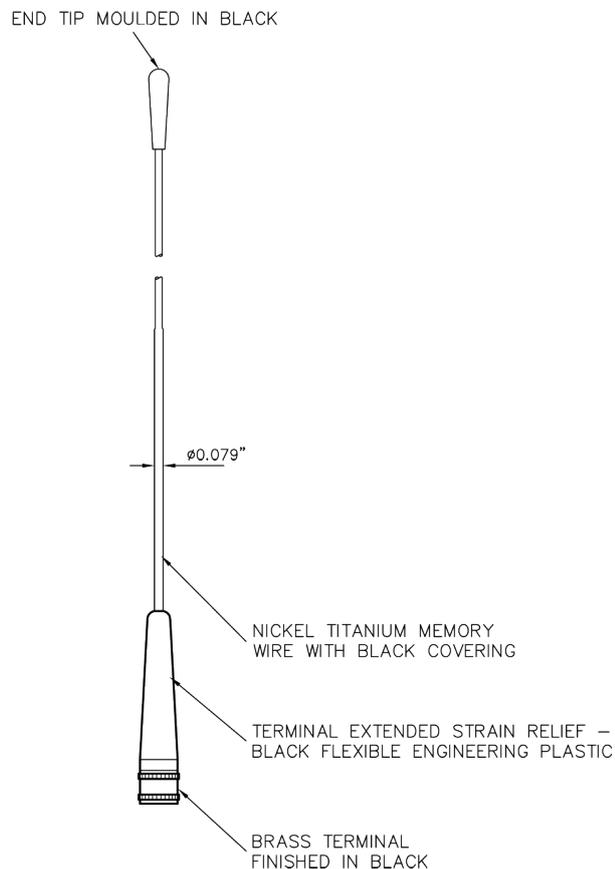
- Ultra flexible VHF or UHF whip
- 'Indestructible' Nickel titanium whip
- Ideal for low clearance scenarios

This antenna features a super flexible nickel titanium memory wire rod. This flexibility provides a high degree of damage resistance making the antenna virtually indestructible.

The Panorama mounting system provides a high degree of interchangeability between whips and bases, making them suitable for all applications whether temporary or permanent.

The AFNT is suitable for use with all Panorama GPS combination, and light duty magnetic bases.

## Technical Drawing



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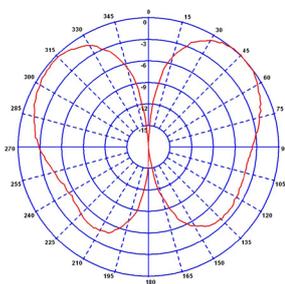
## Product Data

| Part No.               | AFNT-H4A | AFNT-H5     | AFNT-H6A    | AFNT-TET         | AFNT-U1    | AFNT-S4    | AFNT-U2    |                                     |
|------------------------|----------|-------------|-------------|------------------|------------|------------|------------|-------------------------------------|
| <b>Electrical Data</b> |          |             |             |                  |            |            |            |                                     |
| Frequency Range (MHz)  | 138-155  | 149-159     | 155-174     | 380-430          | 410-470    | 450-470    | 450-512    |                                     |
| Peak Gain: Isotropic + |          |             |             | 2dBi             |            |            |            |                                     |
| Compared to 1/4 wave   |          |             |             | 0dB              |            |            |            |                                     |
| Polarisation           |          |             |             | Vertical         |            |            |            |                                     |
| Pattern                |          |             |             | Omni-directional |            |            |            |                                     |
| Impedance              |          |             |             | 50Ω              |            |            |            |                                     |
| Max Input Power (W)    |          |             |             | 60               |            |            |            |                                     |
| <b>Mechanical Data</b> |          |             |             |                  |            |            |            |                                     |
| Dimensions (mm)        | Height   | 478 (18.8") | 456 (17.9") | 426 (16.8")      | 163 (6.4") | 150 (5.9") | 137 (3.4") | 131 (5.1")                          |
|                        | Diameter |             |             |                  |            |            |            | 10 (0.4")                           |
| Operating Temp (°C)    |          |             |             |                  |            |            |            | -40° / +80°C (-40° / 176°F)         |
| Material               |          |             |             |                  |            |            |            | Nickel Titanium                     |
| Colour                 |          |             |             |                  |            |            |            | Black                               |
| <b>Mounting Data</b>   |          |             |             |                  |            |            |            |                                     |
| Fixing                 |          |             |             |                  |            |            |            | M6 x 0.75 (GPSB, GPSKM & MAR bases) |

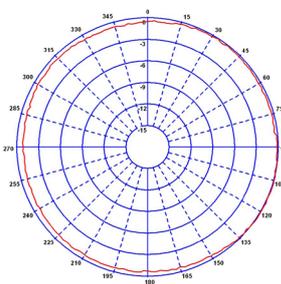
+ Peak gain measured on 1x1m (3'x3') ground plane excluding cable loss

## Electrical Data

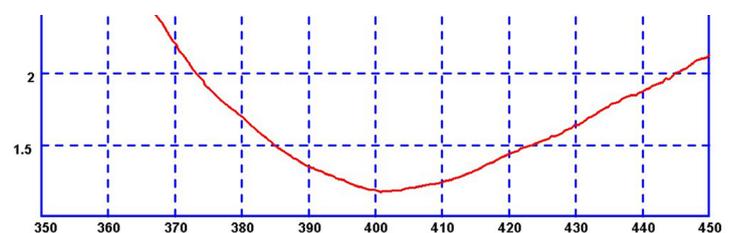
Typical E-Plane (390MHz)\*



Typical H-Plane (390MHz)\*



Typical VSWR\*



\*Typical measurements shown are for AFNT-TET mounted on a 1x1m (3'x3') ground plane with 5m (16') of CS23 cable