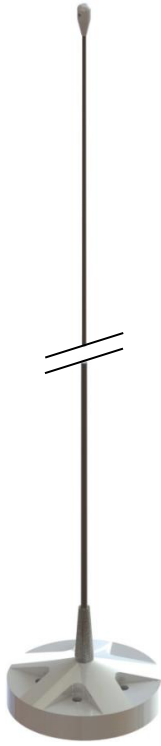


HF Monitoring Whip

9 kHz – 700 MHz

Product Code: MONO-A0059



SPECIFICATIONS:

| | | |
|---|---|----------------|
| Product codes: | | |
| MONO-A0059 | White base and black whip | |
| MONO-A0059-01 | Painted to match DF antenna | |
| Electrical: | | |
| Frequency range | 9 kHz – 700 MHz | |
| Nominal input impedance | 50 Ω | |
| Feed power handling | 0.5 W (receive only) | |
| Polarisation | Vertical | |
| Grounding | DC ground with gas arrestor for discharge protection | |
| Internal connectors | SMA (m) on cable | |
| Groundplane requirements | Groundplane dependent | |
| Mechanical: | | |
| Height | 1142 mm | |
| Height with whip removed | 43 mm | |
| Mass | 300 g | |
| Mounting | Directly to grounding structure or DF-A0029 antenna with supplied bolts | |
| Environmental: designed to meet the following specifications | | |
| Wind survival | 160 km/h | |
| Temperature range | Operational | Storage |
| MONO-A0059 | -37°C to +71°C | -46°C to +71°C |
| MONO-A0059-01 | 0°C to +50°C | 0°C to +60°C |
| Water ingress rating | IP65 | |

PRODUCT FEATURES:

- Wideband receiving whip
- Removable whip antenna for storage
- Protected against lightning and ESD

APPLICATION:

- Wideband monitoring using DF-A0029

PRODUCT DESCRIPTION:

The MONO-A0059 is an HF whip designed for monitoring applications in the 9 kHz to 700 MHz frequency band.

The whip is loaded along its length to control the elevation pattern of the antenna for optimal gain performance on the horizon. The whip is detachable for storage and transport.

The MONO-A0059 antenna is well suited for the DF-A0029, where it is utilised to improve monitoring sensitivity. Every DF-A0029 is already fitted with the necessary internal cables and connectors; this whip antenna is simply connected and bolted on in place of the lifting eye plate.



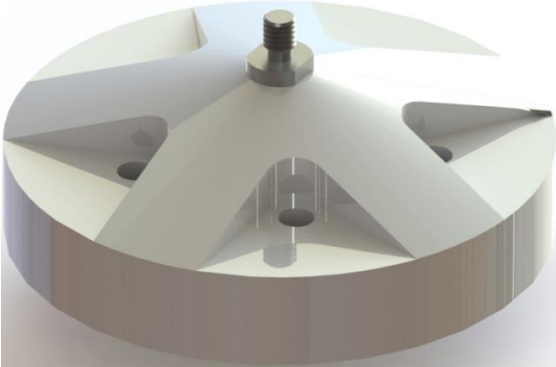
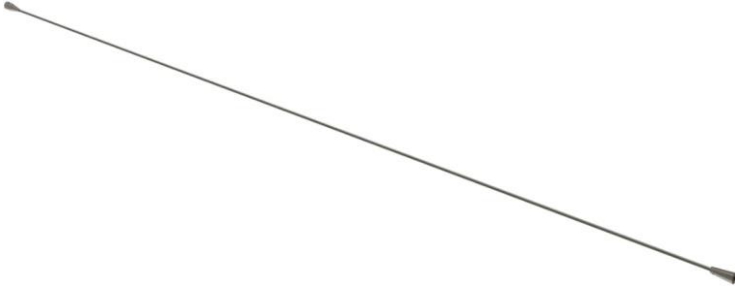
HF Monitoring Whip

9 kHz – 700 MHz

Product Code: MONO-A0059

VERSION: 1.6

Spare parts:

| | White / silver | Coloured |
|---|----------------|---------------|
| <p style="text-align: center;">Base</p>  | MONO-A0059-02 | MONO-A0059-03 |
| <p style="text-align: center;">Whip</p>  | | MONO-A0059-05 |



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