

UNA010FI-0-V2



1-port inverted omni antenna, 694–896 MHz, 360° HPBW, fixed tilt

General Specifications

| | |
|----------------------------------|--|
| Antenna Type | Omni |
| Band | Single band |
| Color | Light Gray (RAL 7035) |
| Grounding Type | RF connector inner conductor and body grounded to reflector and mounting bracket |
| Performance Note | Outdoor usage |
| Radome Material | Fiberglass, UV resistant |
| RF Connector Interface | 7-16 DIN Female |
| RF Connector Location | Top |
| RF Connector Quantity, high band | 0 |
| RF Connector Quantity, mid band | 0 |
| RF Connector Quantity, low band | 1 |
| RF Connector Quantity, total | 1 |

Dimensions

| | |
|----------------------------------|---------------------|
| Length | 3414 mm 134.41 in |
| Net Weight, without mounting kit | 9.1 kg 20.062 lb |
| Outer Diameter | 56 mm 2.205 in |

Electrical Specifications

| | |
|----------------------------|---------------|
| Impedance | 50 ohm |
| Operating Frequency Band | 694 – 896 MHz |
| Polarization | Vertical |
| Total Input Power, maximum | 100 W @ 50 °C |

Electrical Specifications

| | |
|---------------------|---------|
| Frequency Band, MHz | 694–896 |
|---------------------|---------|

UNA010FI-0-V2

| | |
|--------------------------------------|------------|
| Gain, dBi | 10.9 |
| Beamwidth, Horizontal, degrees | 360 |
| Beamwidth, Vertical, degrees | 7.2 |
| Beam Tilt, degrees | 0 |
| USLS (First Lobe), dB | 18 |
| VSWR Return loss, dB | 1.5 14.0 |
| PIM, 3rd Order, 2 x 20 W, dBc | -150 |
| Input Power per Port, maximum, watts | 100 |

Mechanical Specifications

| | |
|----------------------------------|--|
| Wind Loading @ Velocity, maximum | 240.0 N @ 150 km/h (54.0 lbf @ 150 km/h) |
| Wind Speed, maximum | 200 km/h (124 mph) |

Packaging and Weights

| | |
|----------------|----------------------|
| Width, packed | 88 mm 3.465 in |
| Depth, packed | 88 mm 3.465 in |
| Length, packed | 3850 mm 151.575 in |
| Weight, gross | 15.8 kg 34.833 lb |

Regulatory Compliance/Certifications

| Agency | Classification |
|---------------|--|
| ISO 9001:2015 | Designed, manufactured and/or distributed under this quality management system |

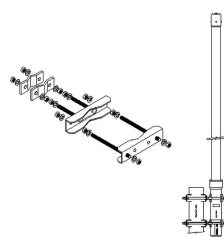
Included Products

| | |
|----------|--|
| F-129-S4 | – Fixed Tilt Pipe Mounting Kit for 2.0"-4.5" (50-115mm) OD round members for omni antennas. Includes 2 clamp sets. |
| F-131-S4 | – Fixed Tilt Pipe Mounting Kit for 2.0"-4.5" (50-115mm) OD round members for omni antennas. Includes 2 clamp sets. |

* Footnotes

| | |
|------------------|---|
| Performance Note | Severe environmental conditions may degrade optimum performance |
|------------------|---|

F-129-S4



Fixed Tilt Pipe Mounting Kit for 2.0"-4.5" (50-115mm) OD round members for omni antennas. Includes 2 clamp sets.

Product Classification

Product Type Pipe mounting kit

General Specifications

Application Outdoor

Color Silver

Dimensions

Compatible Diameter, maximum 115 mm | 4.528 in

Compatible Diameter, minimum 50 mm | 1.969 in

Bracket-to-Bracket Distance 200 mm | 7.874 in

Weight, net 3 kg | 6.614 lb

Material Specifications

Material Type Stainless steel

Packaging and Weights

Included Brackets | Hardware | Saddle brackets

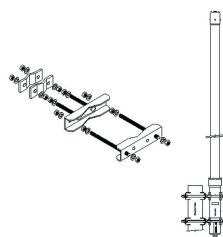
Packaging quantity 2

Regulatory Compliance/Certifications

| Agency | Classification |
|---------------|--|
| CHINA-ROHS | Below maximum concentration value |
| ISO 9001:2015 | Designed, manufactured and/or distributed under this quality management system |
| REACH-SVHC | Compliant as per SVHC revision on www.andrew.com/ProductCompliance |
| ROHS | Compliant |
| UK-ROHS | Compliant |



F-131-S4



Fixed Tilt Pipe Mounting Kit for 2.0"-4.5" (50-115mm) OD round members for omni antennas. Includes 2 clamp sets.

Product Classification

Product Type Pipe mounting kit

General Specifications

Application Outdoor

Color Silver

Dimensions

Compatible Diameter, maximum 115 mm | 4.528 in

Compatible Diameter, minimum 50 mm | 1.969 in

Bracket-to-Bracket Distance 200 mm | 7.874 in

Weight, net 3 kg | 6.614 lb

Material Specifications

Material Type Stainless steel

Packaging and Weights

Included Brackets | Hardware | Saddle brackets

Packaging quantity 2

Regulatory Compliance/Certifications

| Agency | Classification |
|---------------|--|
| ISO 9001:2015 | Designed, manufactured and/or distributed under this quality management system |