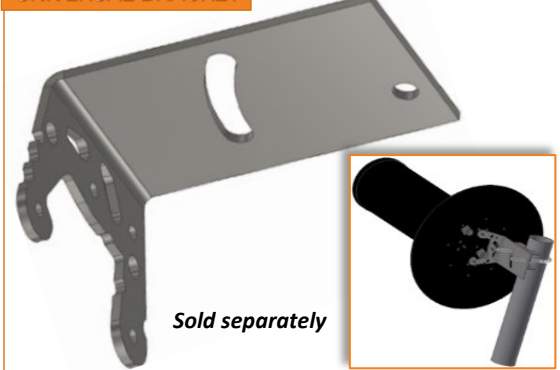


H-900-12-NF



UNIVERSAL BRACKET



Applications

Mining, public safety, mining, elevator & ventilation shafts, video surveillance, warehousing, tunnels, downtown corridors, parking lots, counter drone, Wi-Fi Mesh, WiMax, ISM, VOiP

Rugged Construction

- Polycarbonate radome and sealing gasket ensure water and dust ingress protection

Exceptional Performance

- Less interference than with linear signal for cleaner line of sight, greater data throughput and transmission distance.

Reliable Connection

- Circular polarization ideally suited to harsh environments that have severe reflections from rock faces, mining equipment, metal surfaces and water.

900 MHz Circular Polarized Antenna

MODEL H-900-12-NF

A clean signal and a low VSWR across its entire 690 MHz to 1.0 GHz band makes the H-900-12-NF helical antenna suitable for almost any application, including public safety, mining, video surveillance, warehousing, drone jamming and more.

The H-900-12-NF has high quality internal components protected by an all-weather, impact resistant polycarbonate radome to withstand almost any environment.

Electrical Specifications

| | |
|------------------------------------|--------------------------|
| Frequency Range - MHz | 690-1000 |
| Impedance - Ω | 50 |
| Gain - dBic | 12 |
| F/B RATIO - dB | >20 |
| VSWR (max) | 2:1 |
| Connector Type | N-Female |
| Number of Outputs | 1 |
| Polarization | RHCP |
| Half Power Beamwidth @ 900 MHz - ° | 44 |
| Power rating - W | 100 |
| Operational Temperature – C (F) | -40 to +75 (-40 to +167) |

Mechanical Specifications

| | |
|--|-------------|
| Length from Bottom of Ground Plane - in (cm) | 18.5 (47.0) |
| Ground Plane Diameter - in (cm) | 12.0 (30.5) |
| Radome Diameter - in (cm) | 5.0 (12.7) |
| Bulkhead Base Diameter - in (cm) | 6.0 (15.2) |
| Cap Diameter - in (cm) | 5.1 (13.0) |
| Antenna Weight - lbs (kg) | 4.3 (2.0) |
| Antenna Color | Flat Black* |

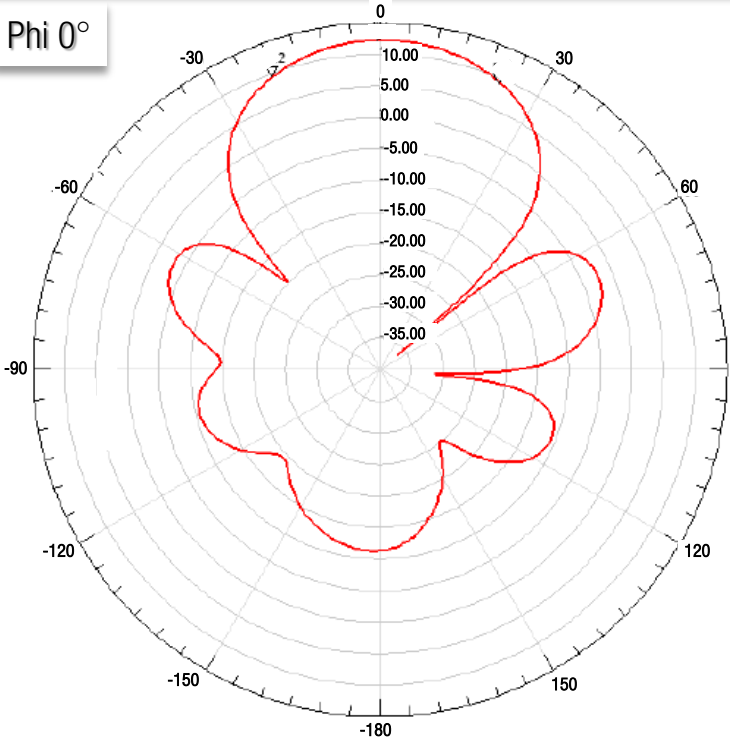
NOTE: Various mount options available.
*Other colors available

TACO Antenna's ongoing policy of continuing development may result in specification changes to its products.

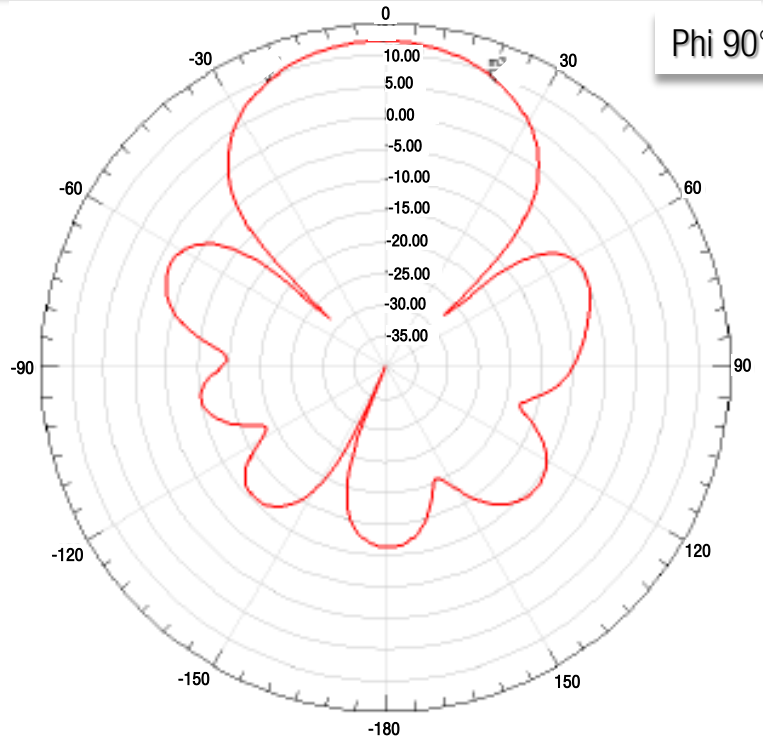
PATTERNS

900 MHz

Phi 0°

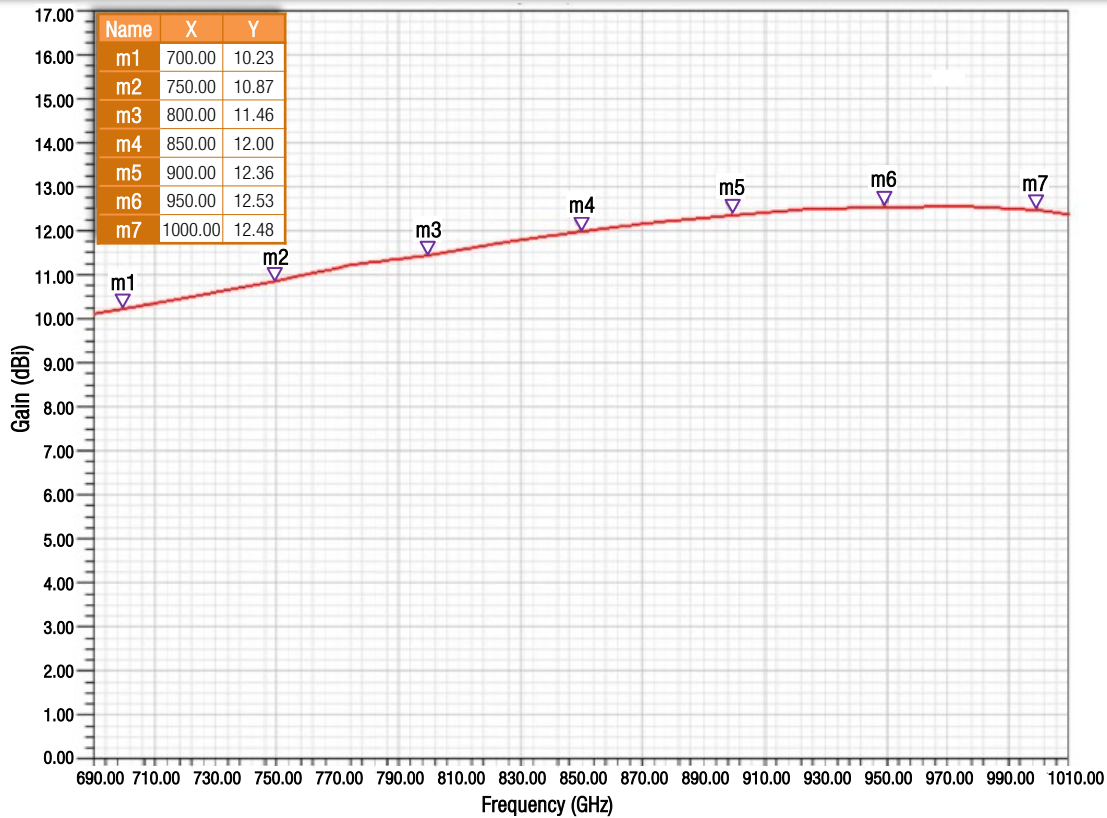


Phi 90°



GAIN VS FREQUENCY

690 MHz – 1.0 GHz



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TACO ANTENNA

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Ask us today about integrating TACO's Wi-Fi Helical Antenna series into your mining architecture.

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