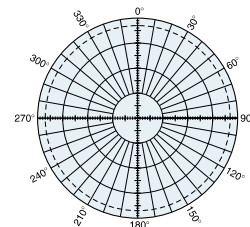


Model 800 10147 is a unity-gain dualband antenna covering the 824–960 MHz and 1805–2170 MHz bands. This professional fixed-station antenna is compact in size and rugged in construction.

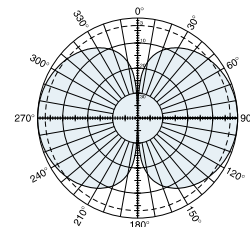
- Unity-gain dualband fixed-station antennas.
- Compact in size and rugged in construction.
- Superior electrical and mechanical design and performance.
- Long service life.
- All metal parts are DC grounded.

Specifications:

| | |
|-------------------------|---|
| Frequency range | 824–960 MHz 1805–2170 MHz |
| Gain | 2 dBi |
| Impedance | 50 ohms |
| VSWR | < 2.0:1 |
| Intermodulation (2x20w) | IM3: -150dBc |
| Polarization | Vertical |
| Maximum input power | 50 watts (at 50°C) |
| H-plane beamwidth | Omni |
| E-plane beamwidth | 78 degrees (half-power) |
| Connector | N female |
| Weight | 0.6 lb (0.25 kg) |
| Height | 8.5 inches (216 mm) |
| Radome diameter | 0.79 inches (20 mm) |
| Mounting | Mounts in a 0.63 inch (16 mm) diameter hole in surfaces of 0.39 inch (10 mm) maximum thickness. |



H-plane
Horizontal pattern
V-polarization



E-plane
Vertical pattern
V-polarization

Order Information:

| Model | Description |
|-----------|---|
| 800 10147 | Antenna with N connector DC grounded |



All specifications are subject to change without notice.
The latest specifications are available at www.kathrein-scala.com.