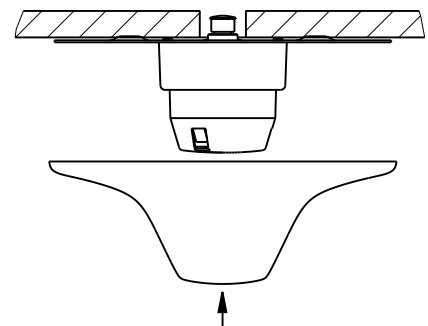
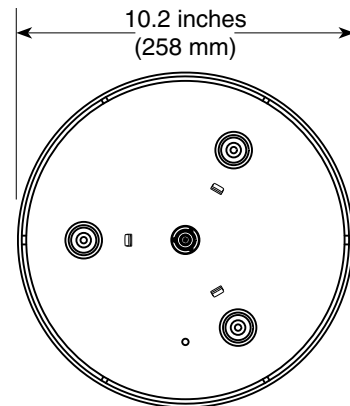
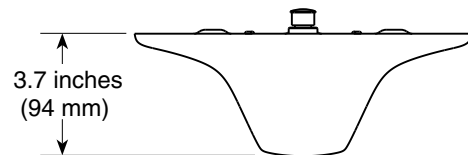


The Kathrein 800 10249 is a multiband omnidirectional antenna designed for indoor installations. It can be used simultaneously for systems operating in the 790–960, 1425–3800, and 5150–6000 MHz spectrums. Typical applications include cellular microcells, paging, data networking, and PCS.

The very compact and low profile design incorporates its own ground plane which also attaches it to the ceiling or other mounting surface.

Specifications:

Frequency range	790–960 MHz 1425–3800 MHz 5150–6000 MHz
Gain	≈ 2 dBi
Impedance	50 ohms
VSWR	790–806 MHz < 1.7:1 806–960 MHz < 1.5:1 1425–1710 MHz < 2.0:1 1710–2200 MHz < 1.4:1 2200–3800 MHz < 1.6:1 5150–6000 MHz < 2.2:1
Polarization	Vertical
Maximum input power	50 watts (at 50°C)
H-plane beamwidth	Omni
Connector	N female
Protection class	IP 30
Weight	1 lb (0.47 kg)
Dimensions	10.2 x 10.2 x 3.7 inches (258 x 258 x 94 mm)
Shipping dimensions	10.9 x 10.9 x 6.7 inches (277 x 277 x 169 mm)
Mounting	Mounts to ceiling using three screws (two types supplied). A 1.4 in. (35 mm) hole is required for the N connector.



Clip the protective housing into position after the antenna has been mounted with the help of the three supplied screws.

Order Information:

Model	Description
800 10249	Omnidirectional indoor antenna



10848-C
936.2506/c

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