

## Dualband Directional Indoor Antenna with Integrated Combiner

The Kathrein 800 10677 is a broadband directional gain antenna designed for indoor installations in wireless communications systems. This compact antenna is supplied with a mounting bracket for attachment to a wall or other surface. The radiating element and aluminum backplate assembly are protected by a paintable white cover.

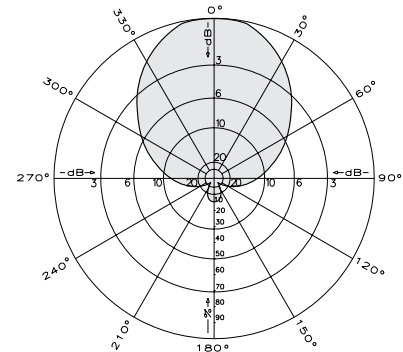
One model covers the 790–960 MHz and 1710–2700 MHz bands.

### Specifications:

Frequency range	790–960 MHz and 1710–2700 MHz
Gain	7 dBi approx.
Impedance	50 ohms
VSWR	< 2.0:1
Polarization	
790–960 MHz	Vertical
1710–2700 MHz	+45° and -45°
Maximum input power	50 watts (at 50° C)
H-plane beamwidth	90 degrees approx. (half-power)
Connector	N female connectors with 39 inch (1 m) RG-223/CU coax pigtails
Isolation	>25 dB
Protection class	IP 30
Weight	1.3 lb (0.6 kg)
Dimensions	9.1 x 5.5 x 1.7 inches (232 x 140 x 50 mm)
Shipping dimensions	14.3 x 6 x 2.4 inches (363 x 152 x 62 mm)
Shipping weight	2 lb (0.9 kg)
Mounting	Mounting clip supplied

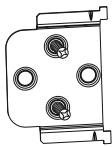
### Order Information:

Model	Description
800 10677	Indoor antenna with N female connectors and 39 inch (1 m) RG-223/CU coax pigtails

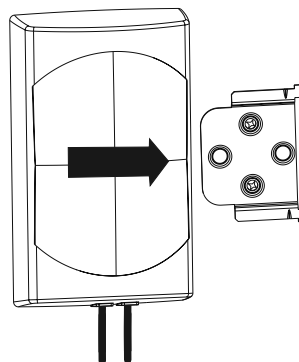


H-plane  
Horizontal pattern – V-polarization

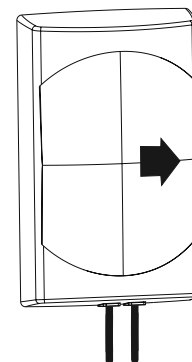
### Mounting:



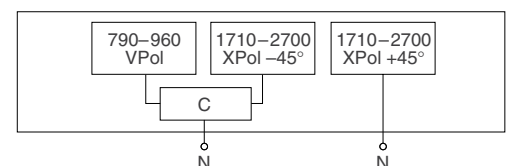
Mount the attachment plate to the wall using two screws of 4 mm diameter in the position as indicated.



Align the antenna over the attachment plate.



Pull the antenna to the stop.



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All specifications are subject to change without notice.  
The latest specifications are available at [www.kathrein-scala.com](http://www.kathrein-scala.com).