

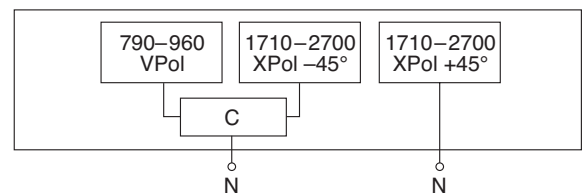
2-Port Indoor Antenna
Vertical / Dual Polarization
HPBW
Integrated Combiner

790–960	1710–2700	1710–2700
V	X (–45°)	X (+45°)
90°	90°	90°
C		

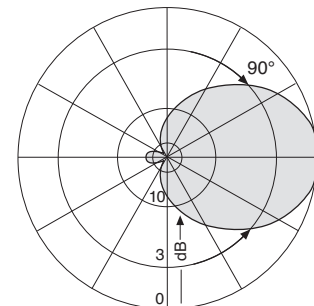
KATHREIN

2-Port Indoor 790–960/1710–2700 C 90° 7dBi

Type No.		80010677	
Frequency range	MHz	790 – 960	1710 – 2700
Polarization		Vertical	+45°, –45°
Gain	dBi	Approx. 7	Approx. 2 x 7
Half-power beam width	°	Horizontal: Approx. 90	
Impedance	Ω	50	
VSWR		< 2.0	
Isolation, between ports	dB	> 25	
Max. power	W	50 (at 50 °C ambient temperature)	
Input		2x Cable RG 223/CU of 1m length, white, with N female connector	
Protection class		IP 30	
Weight	g lb	600 1.32	
Packing size	mm inches	363 x 152 x 62 14.3 x 6.0 x 2.4	
Height/width/depth	mm inches	232 / 140 / 50 9.1 / 5.5 / 2.0	
Fire load		1.6 kWh	

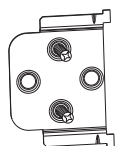


- Material:** Reflector: Aluminum.
 Radome: High impact polystyrol, colour: White.
 Additional painting is possible.
 Mounting plates: Stainless steel.
- Mounting:** Position: Wall and ceiling possible.
 Two holes of 6 mm | 0.24 inches diameter in the mounting plate. Screws are not supplied.
 Avoid stressing the cable. No stress on the hexagonal crimp. Minimum cable bending radius: 30 mm | 1.18 inches without tensile load.
 Cable must be fixed.
- Available accessories:** Broadband power splitters and tappers (790 – 2700 MHz).

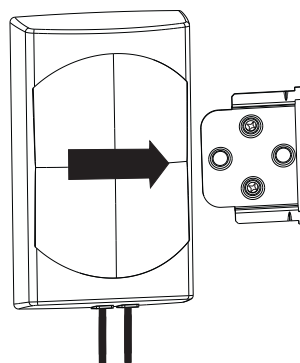


Horizontal Pattern

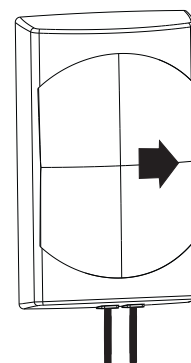
Mounting:



Mount the attachment plate to the wall/ceiling using two screws of 4 mm | 0.16 inches diameter in the position as indicated.



Align the antenna over the attachment plate.



Pull the antenna to the stop.

936.3616/e Subject to alteration.

Any previous data sheet issues have now become invalid.

All specifications are subject to change without notice.
 The latest specifications are available at www.kathreinusa.com