WILSON
CONNECTIVITY

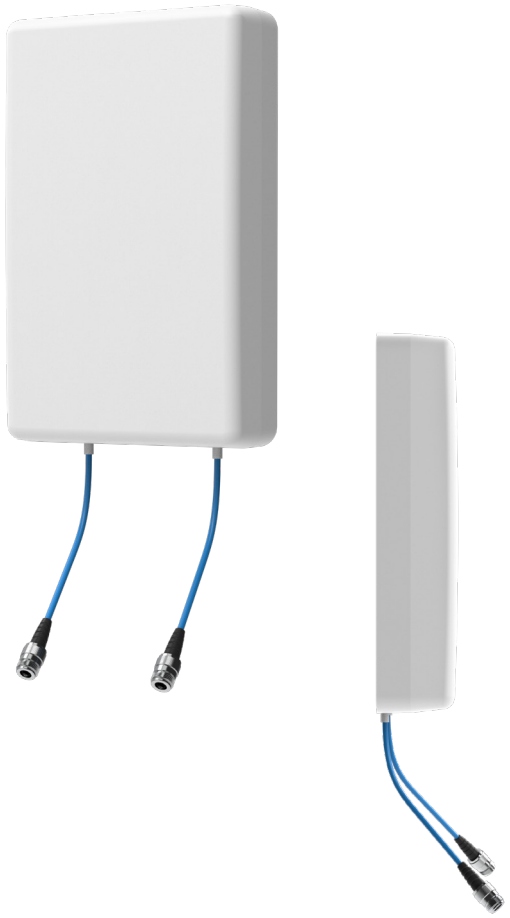
MIMO Directional Panel Antenna

5-8.5 dBi 600-4000 MHz

SKU: 310002

FEATURES

- Slim profile.
- Bracket included.
- Low PIM pigtails & Type-N connectors.
- Ideal for DAS deployment for in-building coverage applications.
- Two radiating polarised elements, one vertically & one horizontally.
- Operating range of 600-698, 617-698, 698-960, 1710-2700 & 3300-4000 MHz.



Specifications

ELECTRICAL

Frequency Band (MHz)	600-698	617-698	698-960	1710-2700	3300-4000
Gain (dBi)	5.0	5.0	5.5	8.5	7.0
VSWR	≤2.5	≤2.5	≤2.0	≤1.8	≤2.0
Polarization	Horizontal + Vertical				
Isolation (dB)	≤10	≤11	≤12	≤20	≤24
Front to Back Ratio (dB)	≤7	≤8	≤10	≤13	≤10
PIM, 3rd Order,2x20W (dBc)	≤-140 I -150 I -153				
Horizontal Beam Width (°)	100	98	90	65	45
Vertical Beam Width (°)	83	80	78	60	38
Input Impedance (Ω)	50				
Maximum Power (W)	50				

MECHANICAL

Model	310002†
Connector	2xN-Female
Dimensions (in. mm)	12.4x7.6x2.6 / 315x195x68
Weight (lb / kg)	1.7 / .78
Radome Material	ABS
Operating temperature (°F / °C)	-40 to 149 / -40 to 65

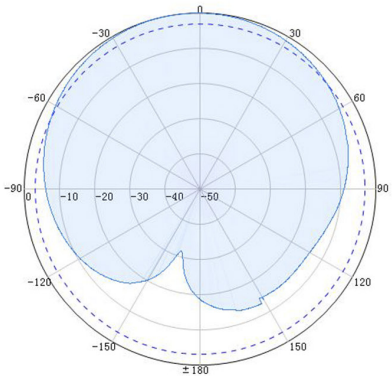
† ⚠ **WARNING:** This product can expose you to chemicals including Nickel, which is known to the State of California to cause cancer, and Bisphenol A, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov

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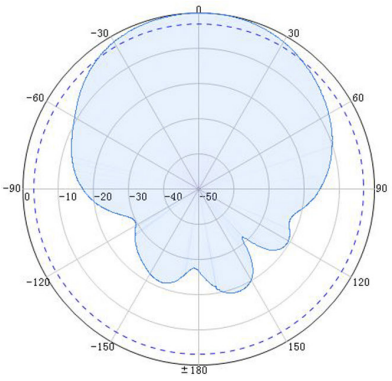
Radiation Patterns

Horizontal

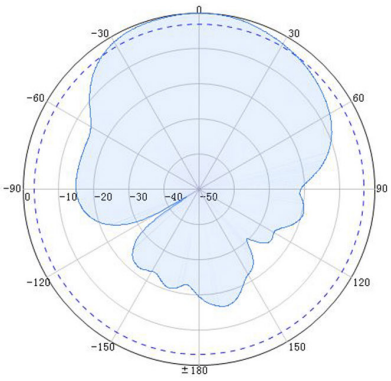
700-960 MHz



1710-2690 MHz

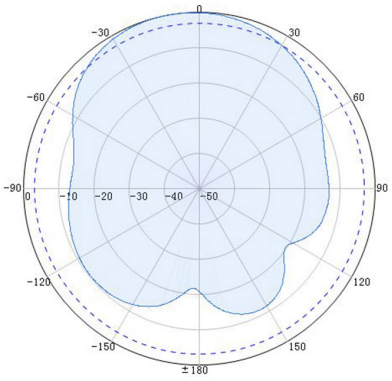


3300-3950 MHz

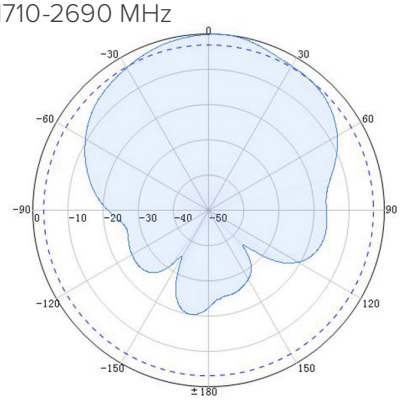


Vertcial

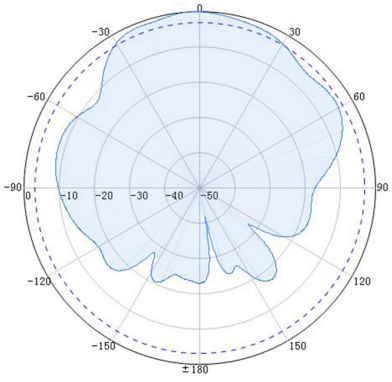
700-960 MHz



1710-2690 MHz



3300-3950 MHz



Package Dimensions

15.8” L x 3.0” H x 9.5” W | 2.95 LBS

MASTER CARTON: None

FOR PARTNER’S USE

Support

3 YEAR WARRANTY FROM PURCHASE

US Web: wilsonconnectivity.com
US Phone: +1 800 871 1612
INTL Phone: +44 1224 982031

UPC

310002

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