

78°

XPOL

MIMO

7834400AM

Features

- Wideband directional antenna operating 698-2700 MHz
- Compact, lightweight and easy to install
- Passive Intermodulation -153 dBc @ 2x20W
- Low return loss and high gain with stable performance



This model is available in the iBwave In-Building Network Components Database - www.ibwavecomponents.com

ORDERING OPTIONS Select from the following ordering options

SELECT	MODEL NUMBER
Antenna with N-Type Female Connectors	7834400AM
Antenna with 4.3-10 Female Connectors	7834400AM-4310

ELECTRICAL SPECIFICATIONS All Bands

Frequency Range	698-2700 MHz	
Frequency Sub-Range	LOW BAND 698-960 MHz	MID BAND 1710-2700 MHz
Polarization	±45°	
Gain	7.4 dBi	8.1 dBi
Horizontal Beamwidth	78°	77°
Vertical Beamwidth	69°	53°
Impedance	50Ω	
Isolation	> 20 dB	> 23 dB
VSWR	< 2.0	< 1.5
Passive Intermodulation 3rd Order for 2x20 W Carriers	-153 dBc	-153 dBc
Front-to-Back Ratio	> 13 dB	> 22 dB
Maximum Power	100W	
Connector Type	2 Ports, 4.3-10 Female or N-Type Female	

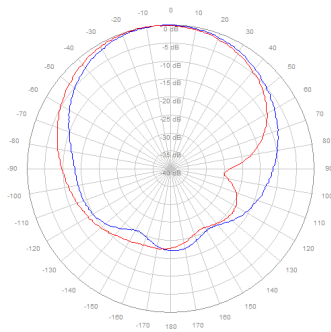
MECHANICAL SPECIFICATIONS

Antenna	Length	305 mm (12.0 in)
	Width	186 mm (7.3 in)
	Depth	63 mm (2.5 in)
Net Weight		0.7 kg (1.5 lbs)
Radome Material		ABS
Radome Color		White
Ingress Protection		IP55
Packing Dimensions		360 x 210 x 90 mm (14.2 x 8.3 x 3.5 in)
Mounting Options		Fasteners and screws included for wall mounting

Quoted performance parameters are provided to offer typical, peak or range values only and may vary as a result of normal testing, manufacturing and operational conditions. Extreme operational conditions and/or stress on structural supports is beyond our control. Such conditions may result in damage to this product. Improvements to products may be made without notice.

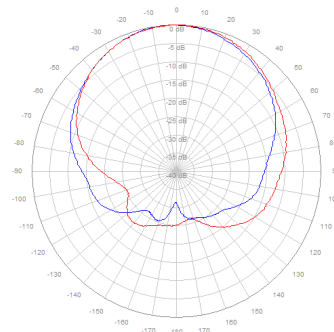
7834400AM

LOW BAND
698-960 MHz

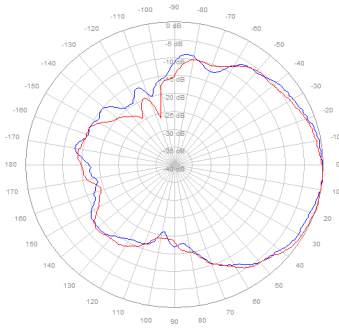


Horizontal, 790 MHz

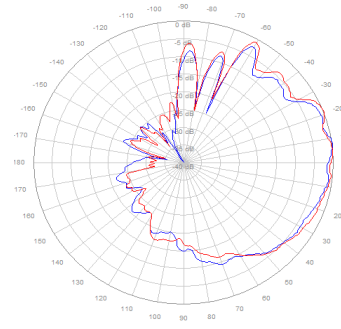
MID BAND
1710-2700 MHz



Horizontal, 2200 MHz



Vertical, 790 MHz



Vertical, 2200 MHz

— Port 1
— Port 2

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