

TECHNICAL SPECIFICATION

1. GENERAL

1.1 Scope

Product Name	Part Number
Wideband Indoor MIMO Omni-directional Antenna 2xN-Female 698-2700MHz	103000052

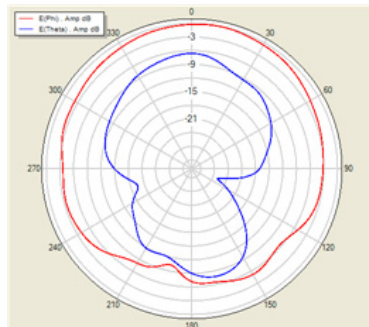
2. CONSTRUCTION and PARAMETERS

2.1 Product Appearance

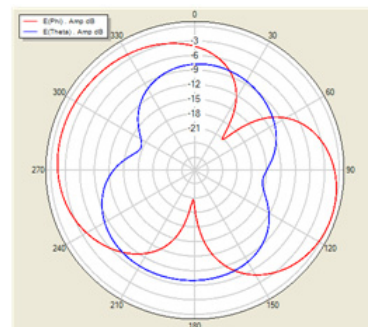


2.2 Reference Pattern

698-960/1710-2200/2300-2700MHz



Horizontal Pattern



Vertical Pattern

2.3 Electrical Specifications

Description	Wideband Indoor Omni-directional MIMO Antenna 2×N-Female 698-2700MHz		
Frequency Range (MHz)	698-960	1710-2200	2300-2700
Gain (dBi)	≥3.0	≥4.5	≥4.5
Vertical 3dB Beam Width (Deg)	90	70	50
Horizontal 3dB Beam Width (Deg)	360		
Isolation Between Ports (dB)	≥ 14	≥ 18	≥ 20
VSWR	≤2.0		
Inter-modulation IM3 (dBc)	<-140 (3 rd order, 2 × 43dBm)		

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Average Input Power (Watt)	≥ 25
Maximum Input Power (Watt)	50
Impedance (Ohm)	50
Polarization	Linear x 2

2.4 Physical Specifications

Connector Type	2×N-Female
Antenna Dimensions (mm)	φ266×18
Antenna Net Weight (kg)	0.50
Pigtail Length(mm)	100
Reflector Material	Aluminum
Radome Material	ABS / White

2.5 Environmental Specifications

IP Rating	IP65
Relative Humidity (%)	0-95
Temperature Range (°C)	-30 ~ +55
Mounting Type	Ceiling mounted