

TECHNICAL SPECIFICATION

1. GENERAL

1.1 Scope

Product Name	Part Number
Wideband Indoor SISO Panel Antenna 1xN-Female 698-2700MHz	103000055

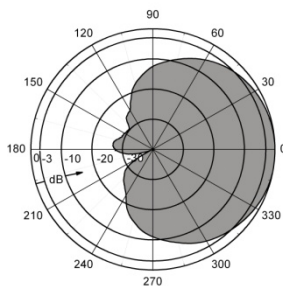
2. CONSTRUCTION and PARAMETERS

2.1 Product Appearance

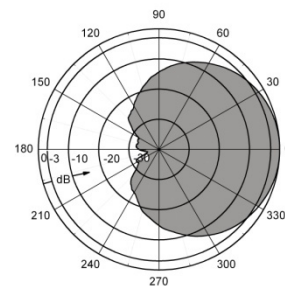


2.2 Reference Pattern

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



Horizontal Pattern



Vertical Pattern

2.3 Electrical Specifications

Description	Wideband Indoor SISO Panel Antenna 1×N-Female 698-2700MHz		
Frequency Range (MHz)	698-960	1710-2200	2300-2700
Gain (dBi)	≥5.5	≥5.5	≥5.5
Horizontal 3dB Beam Width (Deg)	90	85	60
Vertical 3dB Beam Width (Deg)	80	70	45
Front to Back Ratio (dB)	8	10	12
VSWR	≤1.8		
Inter-modulation IM3 (dBc)	<-140 @ 2 × 43dBm		

Average Input Power (Watt)	≥ 25
Maximum Effective Power Per Port (Watt)	50
Impedance (Ohm)	50
Polarization	Vertical

2.4 Physical Specifications

Antenna Dimensions (mm)	174×165×60
Antenna Net Weight (kg)	0.35
Connector Type	1×N-Female
Reflector Material	Aluminum
Radome Material	ABS / White

2.5 Environmental Specifications

Relative Humidity (%)	0-95
Temperature Range (°C)	-30 ~ +55
Mounting Type	Wall or pole mounted