

# Directional Antenna

# HILINKS

## 970111X3

698-960MHz

1710-2700MHz

3300-4000MHz

- 698-960/1710-2700/3300-4000MHz
- Compact size and light weight
- Easy to be installed, Wall Mounted
- High Gain,Low PIM
- Used in indoor



## Technical Data

### Electrical Specifications

Type No.	4 x N Female	97011173		
	4x4.3-10Female	97011183		
Frequency Range (MHz)		698-960	1710-2700	3300-4000
Gain (dBi)		5.5	8.5	7.0
VSWR		≤2.0	≤2.0	≤2.0
Isolation(dB)		≥12	≥20	≥24
Front to Back Ratio, dB		≥7	≥13	≥10
Horizontal Beamwidth (°)		130-85	95-58	65-33
Vertical Beamwidth (°)		108-78	83-45	90-25
Polarization		H+V		
PIM3 (@2x43 dBm Carrier) (dBc)		≤-153		
Input Power (W)		≤50		
Impedance (Ω)		50		
Lightning Protection		DC Ground		

### Mechanical Specifications

Dimensions (excluding connectors and mounting bracket) (mm)	385x315x68
Packed Dimensions,mm	445X375X128
Weight (including connectors and mounting bracket) (kg)	1.5
Mounting Method	Wall Mounted
Radome Material	ABS (UV Stabilized)
Reflector Material	Aluminum and PCB

### Environmental Specifications

Operational Temperature (°C)	-40°C to +65 °C
Relative Humidity	5%-95%

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**wi-com**  
solutions

e-mail: info@wicomsolutions.it - www.wicomsolutions.it  
Tel. +39-0362/1722878 – 1722877