

Directional Panel Antenna, 698-4000 MHz, 5/8 dBi

Part No.: IP-0740-V8-N1i

Main Features

- Excellent Electrical Performance
- Wide Frequency Range
- Totally Maintenance Free



Electrical Specifications

Frequency Range(MHz)	698-960	1710-2170	2200-2700	3400-4000
Gain(dBi)	6.0 ± 0.5	7.0 ± 0.5	7.5 ± 0.5	8.5 ± 0.5
VSWR	≤ 2.0	≤ 2.0	≤ 1.8	≤ 1.8
Polarization Type	Vertical			
Front to Back Ratio(dBi)	≥ 8	≥ 10	≥ 15	≥ 10
Vertical Beamwidth	70°	60°	60°	30°
Horizontal Beamwidth	80°	65°	60°	55°
PIM(IM3)	≤ -107 dBm @ 2 x 33 dBm			
Max Power	50 W			
Input Impedence	50 Ω			

Environmental Specifications

Operating Temperature	-40 °C to +65 °C
Relative Humidity	5 to 95%
Lightning Protection	DC ground
Rated Wind Velocity	210km/h

Mechanical Specifications

Connector Type	N-Female
Weight	0.4 Kg
Dimension	180 x 170 x 60 mm (without connector)
Radome Material	Uv-Protected ABS
Radome Color	White
Mounting Type	Wall Mounting

Radiation Pattern

