

Product Specifications

Yagi Antenna, 617-4000 MHz, 8/11 dBi

Part No.: OY-0640-V11-N1i

Main Features

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



Electrical Specifications

Frequency Range(MHz)	617-698	698-960	1710-2700	3300-4000
Gain(dBi)	8.0 ± 0.5	9.5 ± 0.5	11.0 ± 0.5	11.5 ± 0.5
VSWR	≤ 2.0	≤ 2.0	≤ 1.5	≤ 1.5
Polarization Type	Vertical			
Front to Back Ratio(dBi)	≥ 15	≥ 15	≥ 15	≥ 15
Vertical Beamwidth	105°	95°	78°	59°
Horizontal Beamwidth	87°	68°	56°	48°
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	210 km/h

Mechanical Specifications

Connector Type	N-Female
Weight	0.87 Kg
Dimensions	440 x 210 x 65 mm (without connector)
Radome Material	Uv-Protected ABS
Radome Color	White
Mounting Hardware	Φ 35 - Φ 50 mm

Radiation Pattern

