



380-470 MHz 7dBi Yagi Antenna with N Female Connector

**U4YG3S**

**Electrical Specifications**

Frequency Range (MHz)	380-470
Bandwidth (MHz)	20
Horizontal Half-power Beamwidth (°)	120
Vertical Half-power Beamwidth (°)	70
Gain (dBi)	7
Polarization	Vertical or Horizontal
VSWR	≤1.5
Front to Back Ratio (dB)	≥15
Average Power, Maximum (W)	100
Impedance (Ω)	50

**Mechanical Specifications**

Antenna Length (cm)	50
Net Weight (kg)	0.3 (installation kit included)
Number of Elements	3
Element Materials	Solid Aluminum (Welded)
Cable Length (CM)	38 (15 inches)
Connector	N Female

**Environmental Specifications**

Application	Outdoor
Operating Temperature (°C)	-40 to +70 (-40 to 158°F)
Humidity (%)	5 to 95
Survival Wind Velocity (km/h)	200

**Mounting Specifications**

MOUNTING BRACKETS ARE INCLUDED UNLESS OTHERWISE SPECIFIED

Mounting Mast Diameter (mm)	Φ 40 to 50
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