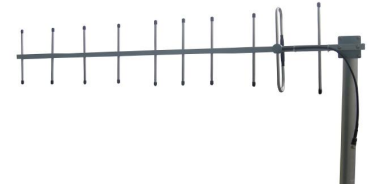




U4YG12S

Electrical Specifications

Frequency Range (MHz)	380-470
Bandwidth (MHz)	20
Horizontal Half-power Beamwidth (°)	40
Vertical Half-power Beamwidth (°)	35
Gain (dBi)	12-14
Polarization	Vertical or Horizontal
VSWR	≤1.5
Front to Back Ratio (dB)	≥18
Average Power, Maximum (W)	100
Impedance (Ω)	50



Mechanical Specifications

Antenna Length (cm)	128
Net Weight (kg)	1.5 (installation kit included)
Number of Elements	10
Element Materials	Solid Aluminum (Welded)
Cable Type	3D-FB
Cable Length (M)	0.3
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
-----------------------------	------------