



Includes heavy duty steel mast mounting brackets.

Model is a high performance omnidirectional antenna operating in the 400 - 470 MHz frequency range. It offers 5 dBi gain, 50 Watt power input and has an integral N-Female type connector.

Mounting is easy with a dual U-bolt mast mounting kit.

It is DC grounded for lightning protection. UV-PVC radome for durability, aesthetics, long service life and all weather operation.

Because of the wide bandwidth, rugged construction, easy storage and fast installation, this omni antenna is popular with our customer.

Specifications

Model	AC-400470-5.5-50
Frequency Range	400 – 470 MHz
Gain	5.5 dBi
Impedance	50 ohms
VSWR	< 1.7
Polarization	Vertical
Maximum input power	50 W
H-plane beamwidth	360° (Omni)
E-plane beamwidth	42° (half power)
Connector	N female
Lightning Protection	DC Ground
Height	960 mm
Radome diameter	75 mm
Weight	0.9 kg (without bracket)
Rated Wind Velocity	210 km/h
Reflector Material	Brass
Radome	PVC
Mounting	On 30-50 mm dia. mast tube
Operating Temperature	-40 °C to +55 °C

Applications

- 450 MHz Band
- Wireless access system
- Trunking communications
- Signal coverage
- Network optimized

Features

- Broadband Design
- Simple Structure, Good performance
- Good environmental adaptability
- Outdoor used

The exceptional mechanical capabilities of this antenna ensures long dependable service in all environments.

Order Information:

AC-400470-5.5-50 Antenna 400-470 MHz, 5.5dBi, 50W with N-female connector