Outdoor
Omni Directional Dipole with Bracket
RO450NFKIT - 410-520 MHz





Features & Applications:

- *LTE 450 MHz Access*
- *Base station*
- *Ground independent*
- *Mounting Bracket included (720-hour salt spray rating)*
- *Security and CCTV*

Electrical specifications @ 25° C					
Frequency Band – 410-520 MHz					
Antenna type[1]	**Nominal Impedance**	**Polarization**	**Radiation pattern**	**Power withstanding**	**DC Ground**
Dipole	50Ω	Vertical	Omni	60W	Yes

Frequency (MHz)	**410-520**
VSWR	1.5:1 Typical (2:1 Max)
Average Peak Gain (dBi)	2.3
Average Efficiency (%)	92
HPBW Vertical Plane (°)	74

Mechanical Specifications				
RO450NFKIT				
Size (Diameter x Height)	**Color**	**Weight**	**Connector Type**	**Fixing System[2]**
62.2 (2.45”) x 216.4 (8.64”) mm	White	680.4grms (1.5lbs)	N-Female	Direct Mount
Housing Material	**Operating Temperature**	**Storage Temperature**	**Ingress Protection**	**RoHS-6 Compliant**
PET+PC, UV stable	-40°C to +85°C	-40°C to +85°C	IP67	Yes

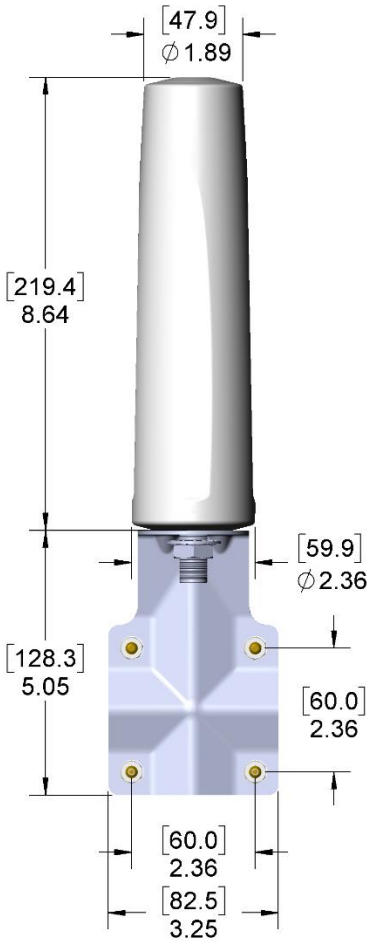
Notes:
1. Measured with bracket
2. Ø15.9mm (0.625”) mounting hole required

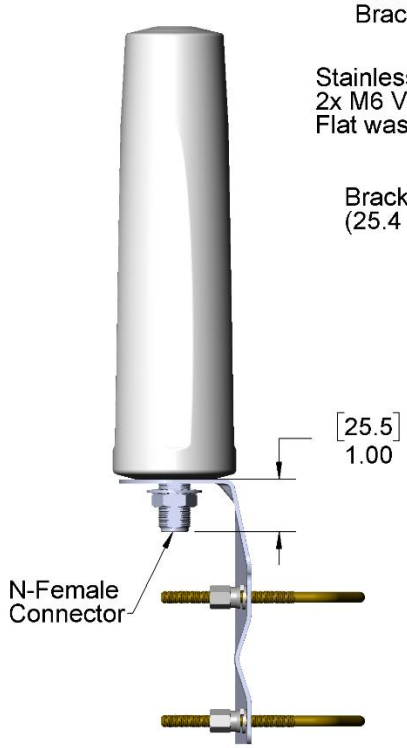
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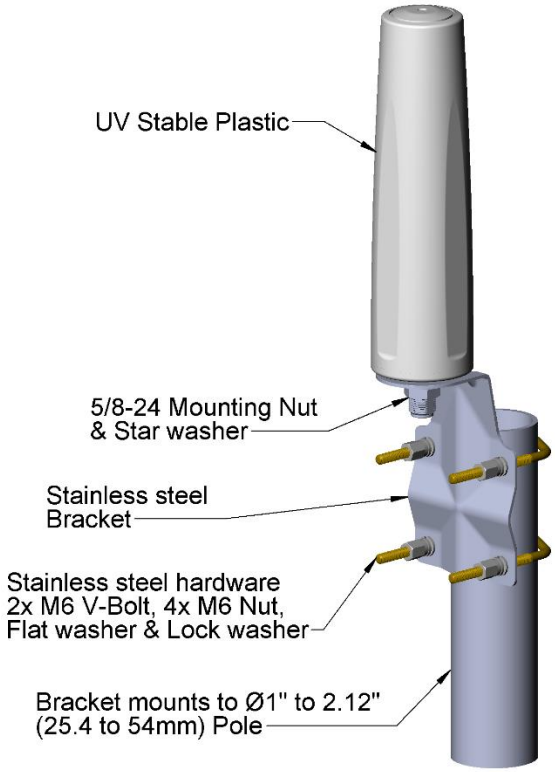
Mechanical Drawing

RO450NFKIT









Vertical
Mast Mount



Horizontal
Mast Mount

Dimensions: Inches (mm)
Unless otherwise specified, all tolerances are ±.010 (0.25mm)

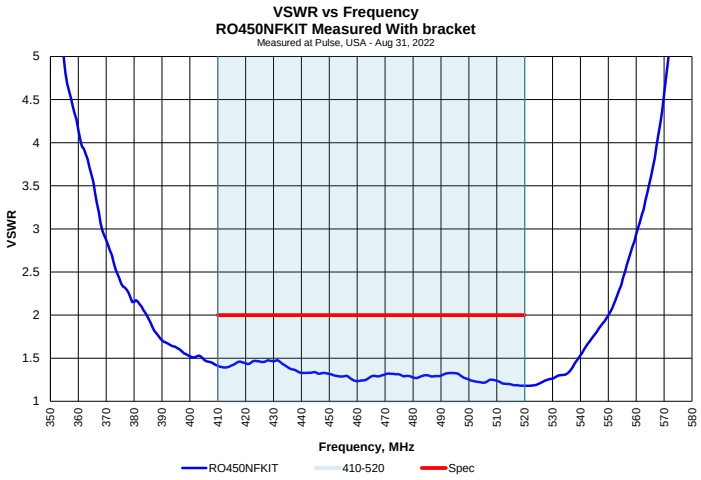
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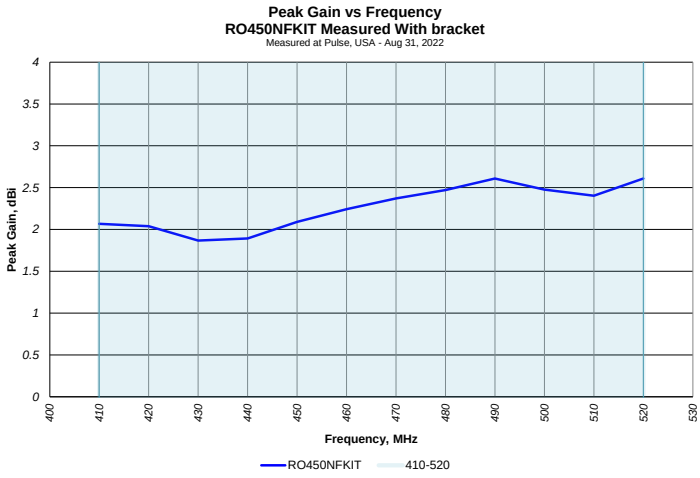
Charts

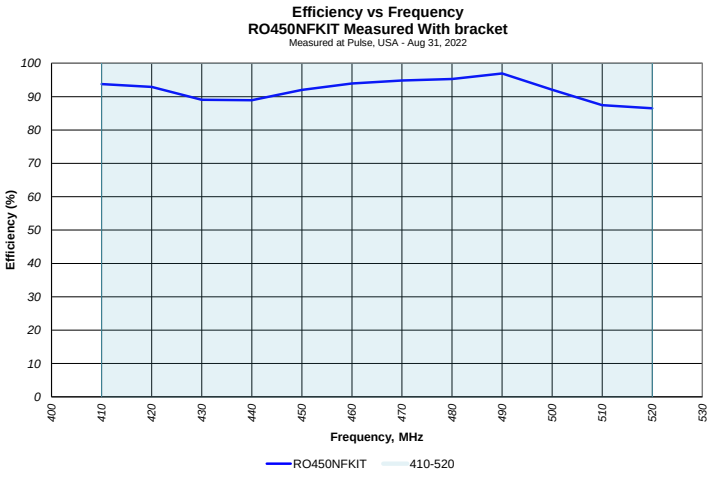
RO450NFKIT

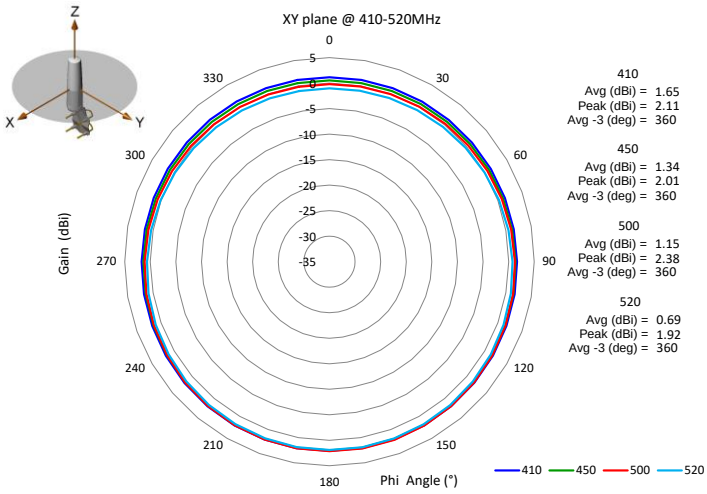
Test Setup:
RO450NFKIT antenna sample measured with bracket.

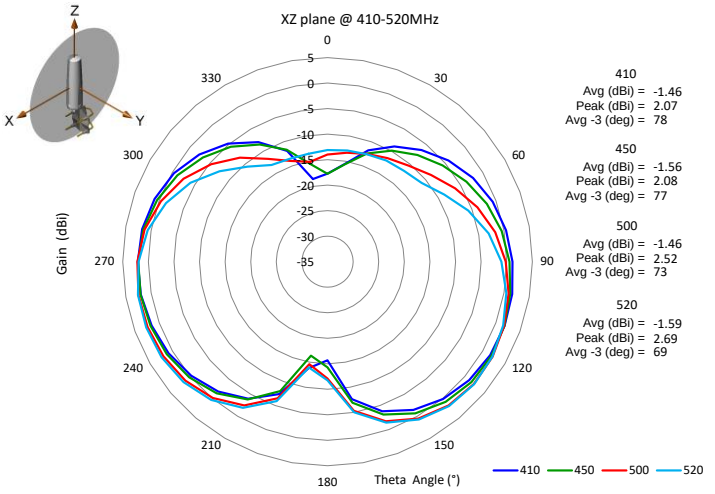












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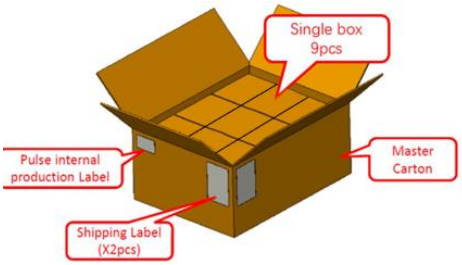
Packaging

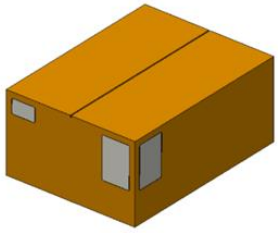
RO450NFKIT

Packaging info:
1 antenna packed in single box（285x155x90mm）
9 single boxes packed in out carton box （570x375x200mm）
1 label on each box with part number, description, date code.

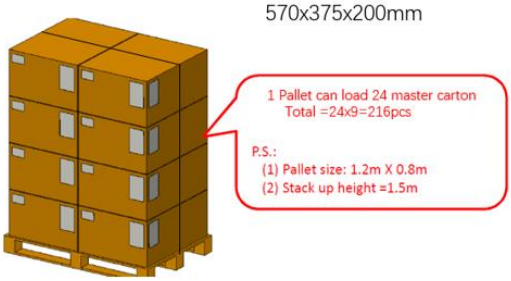








Master carton size
570x375x200mm



Notes:

1. Please contact sales for availability, lead time, and/or any special requests. Samples available upon request.

For More Information:
Americas - antennas.us@pulseelectronics.com | Europe – antennas.eu@pulseelectronics.com | Asia – antennas.as@pulseelectronics.com | Questions? +1-800-ANTENNA
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