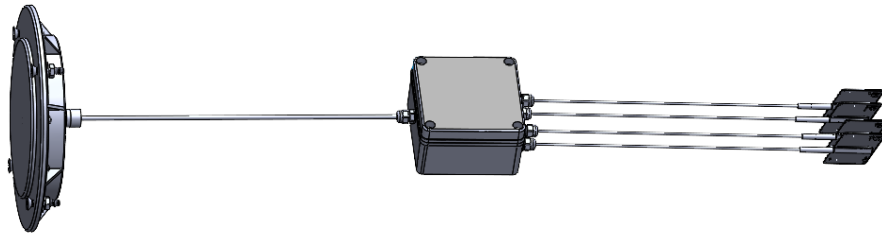


WPANT30216-K4A

450 – 470 MHz Flush Mount Antenna + 4 Coupler Antenna Kit



Note: Different cable and connector style requests can be accommodated.

Application

This flush mount design is best suited for applications which require water and impact resistance. This design reduces the possibility of trip and fall hazards.

We specialize in developing customized Antenna solutions. Please contact sales@worldproducts.com with your requirements.

Electrical Properties

Operating Frequency Bands	450 – 470 MHz
Approximate Antenna Impedance [Ω]	50 Ω
VSWR (Typical)	< 2 :1
Peak Gain [dBi] (Typical)	2.75 dBi
Efficiency [%] (Typical)	90 %
Polarization	Linear
Pattern	Near Omni-directional
Lightning Protection	DC ground


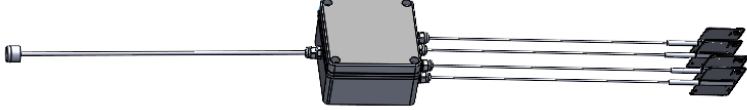


Mechanical / Environmental Properties

Antenna Dimensions	267 mm (diameter) x 48 mm (height)
Antenna Color	Gray
Antenna Radome	PC + ABS plastic
Connector	Type N female (at the base)
Couplers	4 x WPANT40142-S1B
Operating / Storage Temperature	-40°C to +125°C
Environmental	Salt spray resistant, Vandal-proof, IP68 (submerged at 1.5-meter depth in water for an extended period), UL 94V-0, UV resistant
Hazardous Materials	RoHS Compliant

Antenna Pictures

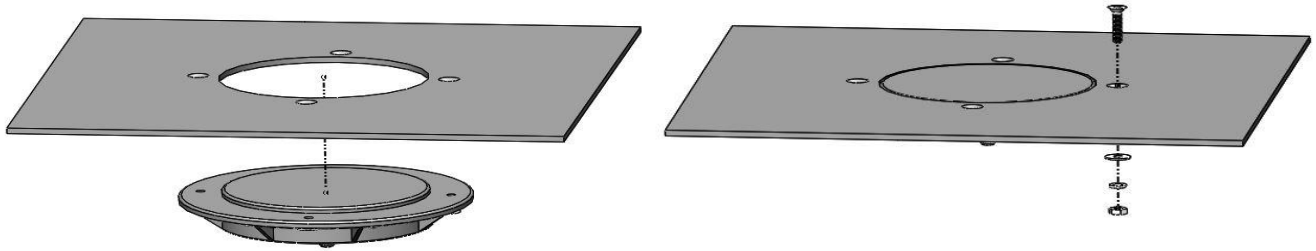


Bill of materials

<p>WPANT30216-S1A</p>	
<p>WPCPL50216-S4A* (Coupler assembly kit)</p>	
<p>Coax seal (6" long strip)</p>	
<p>Alcohol wipes X6</p>	

* The WPCPL50216-S4A coupler assembly kit can be sold separately upon request.

Flush Mounting



Note: The plate is for demo purpose and does not come with the antenna