

WPANT30216-S1A

450 – 470 MHz Flush Mount Antenna



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

Application

This flush mount design is best suited for applications which requires water and impact resistance. This design eliminates trip and slip 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

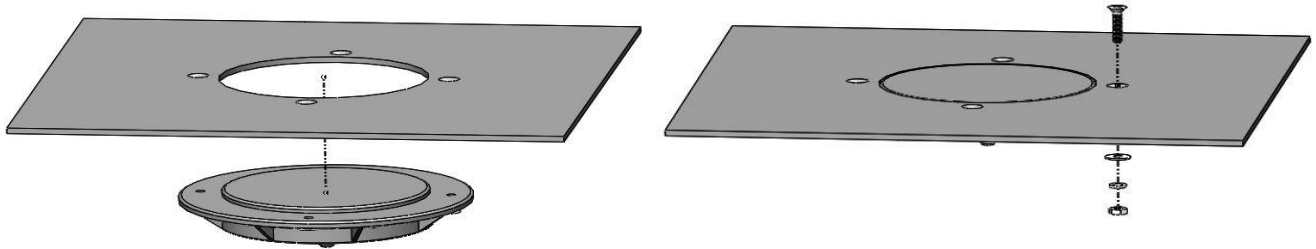
Mechanical / Environmental Properties

Antenna Dimensions	267 mm (diameter) x 48 mm (height)
Antenna Color	Gray
Antenna Radome	PC + ABS plastic
Connector	Type N female (at the bottom)
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

Pictures

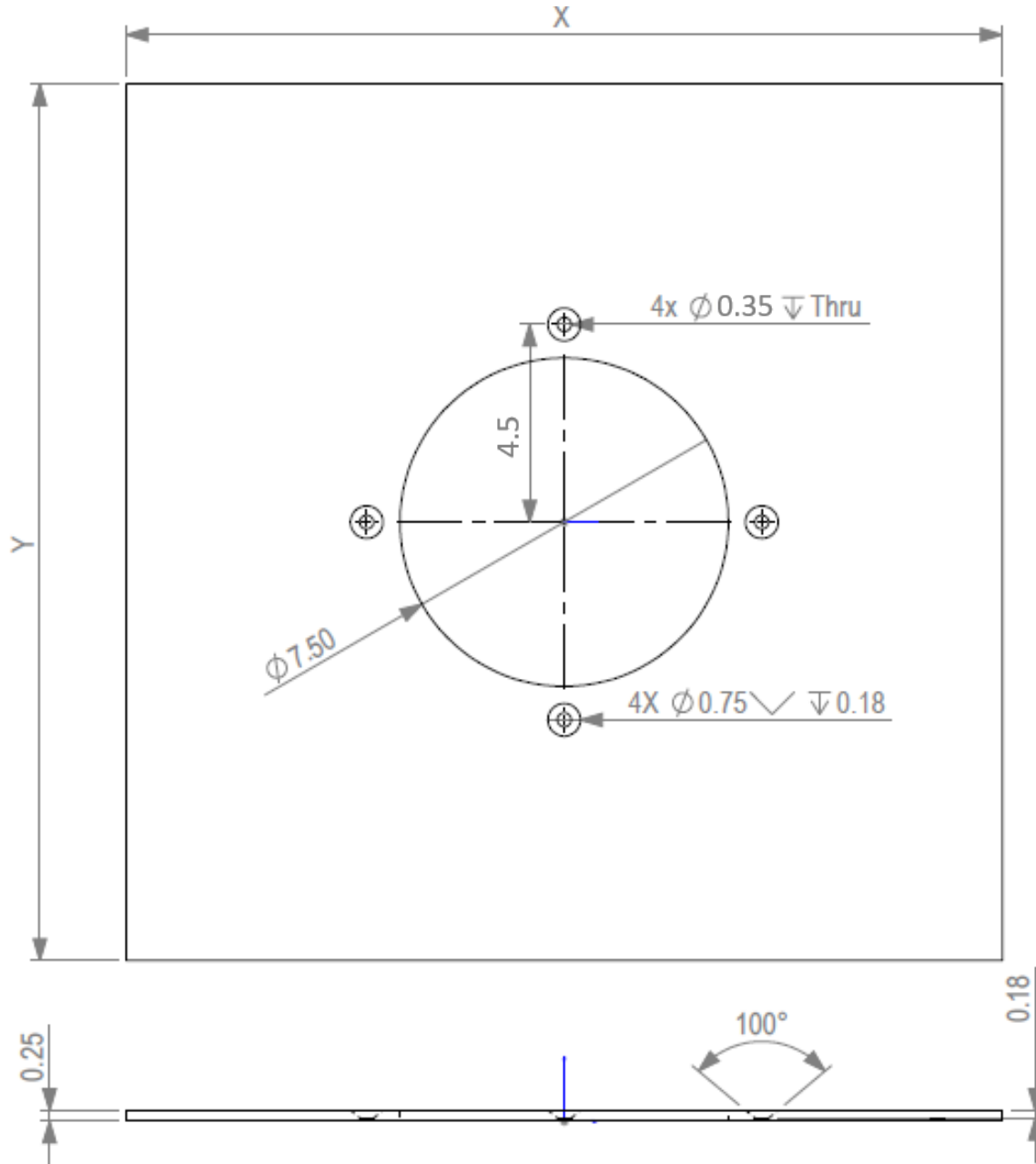


Flush Mounting



Note: The plate is for demo purpose and doesn't come with the antenna

Hole dimensions



Note: All dimensions are in INCHES, X & Y can vary