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MobileMark
antenna solutions



All Models in Straight position



PSKN3 for 3.5 GHz



PSKN3-2400 Single Band



PSKN-24/55 Series Dual Band 2.4/5 GHz

Device Halfwave Antennas WiFi & WiMAX

- Up to 2.3 dBi gain styles with semi-flexible radome and adjustable knuckle
- Single and Dual Band Models for WiFi 802.11and WiMAX 3.5 GHz
- Sleek molded profile, choice of SMA, TNC or Rev Polarity SMA connectors

These half-wave rubber duck style device antennas require no ground plane for operation. This makes them ideal for use with portable devices or products with no substantial ground plane. They can even be used with products that are built with an all plastic chassis or case.

The PSKN Series antennas use a full length dipole configuration and feature 2.3 dBi gain.

A knuckle feature on the PSKN Series allows the antenna to be adjusted between a straight position and a right-angle 90° position. This is useful for products that may need to be both horizontal and vertical, or where the connector is placed on the side of a radio device.

The PSN3 series are only available in a straight vertical position. This is the optimim choice when the antenna position needs to be in a constant vertical position.

The radome is made of flexible Polyurethane. Standard connector styles available include TNC or SMA. For FCC part 15 compliance, select models offer reverse polarity SMA or reverse polarity TNC connectors.

Model #	Style	Frequency
TNC Male Connectors		
PSKN3-2400T	Adjustable	2400-2485 MHz
PSKN3-3500T	Adjustable	3400-3700 MHz
PSN3-2400T	Straight	2400-2485 MHz
SMA Male Connectors		
PSKN3-2400S	Adjustable	2400-2485 MHz
PSKN3-3500S	Adjustable	3400-3700 MHz
PSKN3-24/55S	Adjustable	2.4-2.5 GHz & 5.0-6.0 GHz
PSN3-2400S	Straight	2400-2485 MHz
Rev SMA Plug Connectors		
PSKN3-2400RS	Adjustable	2400-2485 MHz
PSKN3-24/55RS	Adjustable	2.4-2.5 GHz & 5.0-6.0 GHz
PSN3-2400RS	Straight	2400-2485 MHz
Rev TNC Plug Connectors		
PSKN3-2400RT	Adjustable	2400-2485 MHz
PSN3-2400RT	Straight	2400-2485 MHz

Specifications	
Frequency:	See above
Gain:	2.3 dBi max
VSWR:	2:1 over band
Impedance:	50 Ohm nominal
Maximum Power:	10 Watts
Connector:	See models above
Whip Length Straight:	
PSKN3-2400	6 1/2 in (165 mm)
PSKN3-3500	3 7/8 in (99 mm)
PSKN3-24/55	3 7/8 in (99 mm)
PSN3-2400	6 1/2 in (165 mm) Straight only
Temperature Range:	-40°C to +85°C
Case Material:	Polyurethane
Whip Length 90°:	
PSKN3-2400:	5 3/4 in (146 mm)
PSKN3-3500:	3 1/8 in (79 mm)
PSKN3-24/55:	3 1/8 in (79 mm)
PSN3-2400	Not available in 90°
Right Angle Standoff:	
PSKN3-2400	1 1/4" inside (32 mm) clearance
PSKN3-3500	13/16" inside (21 mm) clearance
PSKN3-24/55	13/16" inside (21 mm) clearance
PSN3-2400	Not available in 90°
Shock & Vibration:	EN 61373, IEEE 1478, MIL-810G TIA-329.2-C
Water Ingress:	IPx5

Specifications subject to change without notice (9/2018)