



These halfwave antennas require no ground plane for o makes them ideal for use with portable devices or prod substantial ground plane. They can even be used with p consist of all plastic chassis or case.

The PSKN Series antennas use a full length center fed d ration. A knuckle feature allows the antenna to be adjust a straight position, to a 90° right angle position. This is products that may need to be placed both horizontal ar where the connector is placed on the side of a radio de

The PSN3 Series antennas offer the same electrical char as the PSKN3 antennas, but they have a permanently fit position.

Maximum radiation is achieved along the horizon, and provided is substantial. VSWR is typically 2:1 or better of desired frequency range. The antennas are available in frequency bands.

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

Both Series meet industrial and military shock & vibration PSKN3 Series is rate IPx5 for water ingress. The PSN3 h water-resistance and is rated IPx7.

7.8" (198 mm) wh Polyurethane

-40° to +85° C

Specifications

Frequency: Gain:

Impedance: Maximum Power:

Connector:

Case Material:

Operating Temp:

Whip Length Straight: 900 & 925 Series

1800 & 1900 Series

VSWR:

Device Antennas, Halfwave Single-band 806-1990 MHz

- Up to 2.3 dBi gain styles with semi-flexible radome and adjustable knuckle
- Halfwave design requires no ground plane
- Models for all GSM/CDMA modems
- Sleek molded profile, with a choice of SMA or TNC connectors

Straight Model	Model #	Application	Frequency
ground plane for operation. This	INC Plug (Male) Connectors		
Die devices or products with no	PSKN3-900T	US Cellular	806-894 MHz
even be used with products that	PSKN3-925T	EU GSM/ISM 91	5 870-960 MHz
	PSKN3-1800T	EU DCS-1800	1710-1880 MHz
	PSKN3-1900T	US 1.9 GHz PCS	1850-1990 MHz
length center fed dipole configu-	PSN3-925T	ISM 915 band	870-960 MHz
antenna to be adjusted between	PSN3-900T	US Cellular	806-894 MHz
e position. This is useful for	PSN3-915T	ISM 915 band	870-960 MHz
both horizontal and vertical, or eside of a radio device.	PSN3-1800T	EU DCS-1800	1710-1880 MHz
SMA Plug (Male) Connectors			
same electrical characteristics	PSKN3-900S	US Cellular	806-894 MHz
e a permanently fixed straight	PSKN3-925S	EU GSM/ISM 91	5 870-960 MHz
	PSKN3-1800S	EU DCS-1800	1710-1880 MHz
	PSKN3-1900S	US 1.9 GHz PCS	1850-1990 MHz
g the horizon, and bandwidth	PSN3-925S	ISM 915 band	870-960 MHz
cally 2:1 or better over the	PSN3-1800S	EU DCS-1800	1710-1880 MHz
as are available in many popular	PSN3-1900S	US 1.9 GHz PCS	1850-1990 MHz
<i>,</i> ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	PSN3-900S	US Cellular	806-894 MHz
rethane. Standard connector <u>Rev SMA Plug (Male) Connectors</u>			
For FCC part 15 compliance.	PSKN3-925RS	ISM 915 band	870-960 MHz
connectors.	PSN3-925RS	ISM 915 band	870-960 MHz
Rev TNC Plug (Male) Connectors			
ary shock a vibiation specs. The DSN3 has a higher	PSKN3-925RT	ISM 915 band	870-960 MHz
igress. The Poino has a higher	PSN3-925RT	ISM 915 band	870-960 MHz
See above	Whip Length 90	0 :	
2.3 dBi max	900 & 925 Series		79" (201mm) when right angle
2:1 over band	1800 & 1900 Series		6.5" (165 mm)when right angle
50 Ohm nominal	DSNIZ Sarias		Straight only
	Pight Angle Standoff		1.25" (72 mm) inside alberr
IU Walls	kight Angle Standoff:		
See models above			1.75" (45 mm) outside elbow
	Shock & Vibratio	on:	
9" (229 mm) when straight	PSKN3 & PSN	3	EN 61373, IEEE 1478,
7.8" (198 mm) when straight			MIL-810G, TIA-329.2-C

Water Ingress:

US Office & Headquarters: 3900B River Rd., Schiller Park, IL 60176, USA

UK Office: 8 Miras Business Park, Keys Park Road, Hednesford, Staffs. WS12 2FS, UK

PSKN3: IPx5; PSN3: IPx7