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PE51018 Rubber Duck Antenna, 2400 – 2483.5 MHz, 2dB

Product Features

- Half-wave Dipole Antenna
- LAN and Telemetry Applications
- Flexible construction.
- Articulated knuckle provide 0° to 90° pivot
- SMA Plug (Male) connector

Description

The PE51018 rubber duck provides excellent performance for WiFi and telemetry applications within the 2.4 GHz ISM band. The half-wave design is ground plane independent, which makes it suitable for a variety of applications, including for portable devices. Its flexible, yet rugged construction is perfect for both office and industrial environments. The articulated knuckle permits proper positioning for maximum performance, regardless of the equipment orientation. See the Pasternack catalog or website for the widest selection of cable assemblies and connector options.

Electrical Specifications ⁽¹⁾

Parameter	Units	Value
Impedance	Ohms	50
Frequency	MHz	2400 – 2483.5
VSWR		< 1.5:1
Polarization		Linear
Gain	dB	2
Horizontal Beamwidth	degrees	360°
Power Rating	Watts	50

Mechanical Specifications ⁽¹⁾

Parameter	Value
Antenna height	4.5"
Weight	0.02 lbs.
Temperature range	-40° C to +85° C
Adjustment	360° swivel, 0 - 90° articulated knuckle
Connector	SMA Plug (Male)



Ordering Information

Part Number	Description
PE51018	2.4 GHz Portable Rubber Duck, SMA Male

(1) Pasternack reserves the right to change specifications or information without notice.
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