

2.4 GHz External Wireless Antennas

Frequency: 2400-2500MHz, 2-9dBi the Rubber-Duck antenna with pigtail is a coaxial sleeve design with an omni-directional pattern. It is ideally suited for IEEE 802.11b, 802.11g and 802.11n wireless LANs, Bluetooth® and other WLAN applications

Features:

- Flexible "Rubber Duck" antenna
- Compact and easy to store
- vertical polarization

Applications :

- 2.4 GHz ISM Band
- IEEE 802.11b, 802.11g Wireless LAN & IEEE 802.11n
- (Pre-N, Draft-N) Applications
- Public Wireless Hotspot
- Wireless Video Systems
- Multipoint and Mobile Applications & Bluetooth®



Model No.	Frequency	Gain	Length
SER-2425-2S	2400-2500MHz	2dBi	55mm
SER-2425-2L		2dBi	49mm
SER-2425-3S		3dBi	108mm
SER-2425-3L		3dBi	106mm
SER-2425-3H		3dBi	108mm (Straight) 90mm (Hinged)
SER-2425-5H		5dBi	195mm (Straight) 171mm (Hinged)
SER-2425-5N		5dBi	201mm (Straight) 171mm (Hinged)
SER-2425-5NW		5dBi	201mm (Straight) 171mm (Hinged)
SER-2425-7H		7dBi	280mm
SER-2425-9H		9dBi	380mm
SER-2425-9N		9dBi	380mm

SPECIFICATION

Model No. : **SER-2425-2S**

Product Name : 2.4GHz 2dBi Screw Mount
Straight Connector Antenna

Applications : WiFi / Wireless LAN
ZigBee / Public Safety
Bluetooth / Wireless Terminal



Type	Rubber Duck Antenna
Model No.	SER-2425-2S
ELECTRICAL	
Frequency	2400-2500MHz
Gain	2dBi
VSWR	≤1.5
Radiation Properties	Omni-directional
Power Handling	20W
Polarization	Vertical
Impedance	50 Ohms
MECHANICAL	
Length (mm)	55mm
Weight	6g
Connector	SMA (M)
Color	Black
ENVIRONMENTAL	
Temperature Range	-40° C to 60° C

SPECIFICATION

Model No. : **SER-2425-2L**

Product Name : 2.4GHz 2dBi Screw Mount
Fixed Right Angle Antenna

Applications : WiFi / Wireless LAN
ZigBee / Public Safety
Bluetooth / Wireless Terminal



Type	Rubber Duck Antenna
Model No.	SER-2425-2L
ELECTRICAL	
Frequency	2400-2500MHz
Gain	2dBi
VSWR	≤1.5
Radiation Properties	Omni-directional
Power Handling	20W
Polarization	Vertical
Impedance	50 Ohms
MECHANICAL	
Length (mm)	49mm
Weight	7g
Connector	SMA (M)
Color	Black
ENVIRONMENTAL	
Temperature Range	-40° C to 60° C

SPECIFICATION

Model No. : **SER-2425-3S**

Product Name : 2.4GHz 3dBi Screw Mount
Straight Connector Antenna

Applications : WiFi / Wireless LAN
ZigBee / Public Safety
Bluetooth / Wireless Terminal



Type	Rubber Duck Antenna
Model No.	SER-2425-3S
ELECTRICAL	
Frequency	2400-2500MHz
Gain	3dBi
VSWR	≤1.5
Radiation Properties	Omni-directional
Power Handling	20W
Polarization	Vertical
Impedance	50 Ohms
MECHANICAL	
Length (mm)	108mm
Weight	7g
Connector	SMA (M)
Color	Black
ENVIRONMENTAL	
Temperature Range	-40° C to 60° C

SPECIFICATION

Model No. : **SER-2425-3L**

Product Name : 2.4GHz 3dBi Screw Mount
Fixed Right Angle Antenna

Applications : WiFi / Wireless LAN
ZigBee / Public Safety
Bluetooth / Wireless Terminal



Type	Rubber Duck Antenna
Model No.	SER-2425-3L
ELECTRICAL	
Frequency	2400-2500MHz
Gain	3dBi
VSWR	≤1.5
Radiation Properties	Omni-directional
Power Handling	20W
Polarization	Vertical
Impedance	50 Ohms
MECHANICAL	
Length (mm)	106mm
Weight	8g
Connector	SMA (M)
Color	Black
ENVIRONMENTAL	
Temperature Range	-40° C to 60° C

SPECIFICATION

Model No. : **SER-2425-3H**

Product Name : 2.4GHz 3dBi Screw Mount
Rubber Duck Antenna

Applications : WiFi / Wireless LAN
ZigBee / Public Safety
Bluetooth / Wireless Terminal



Type	Rubber Duck Antenna
Model No.	SER-2425-3H
ELECTRICAL	
Frequency	2400-2500MHz
Gain	3dBi
VSWR	≤1.5
Radiation Properties	Omni-directional
Power Handling	20W
Polarization	Vertical
Impedance	50 Ohms
MECHANICAL	
Length (mm)	108mm (Straight) 90mm (Hinged)
Weight	7g
Connector	SMA (M)
Color	Black
ENVIRONMENTAL	
Temperature Range	-40° C to 60° C

SPECIFICATION

Model No. : **SER-2425-5H**

Product Name : 2.4GHz 5dBi Screw Mount
Rubber Duck Antenna

Applications : WiFi / Wireless LAN
ZigBee / Public Safety
Bluetooth / Wireless Terminal



Type	Rubber Duck Antenna
Model No.	SER-2425-5H
ELECTRICAL	
Frequency	2400-2500MHz
Gain	5dBi
VSWR	≤1.5
Radiation Properties	Omni-directional
Power Handling	20W
Polarization	Vertical
Impedance	50 Ohms
MECHANICAL	
Length (mm)	195mm (Straight) 171mm (Hinged)
Weight	16g
Connector	SMA (M)
Color	Black
ENVIRONMENTAL	
Temperature Range	-40° C to 60° C

SPECIFICATION

Model No. : **SER-2425-5N**

Product Name : 2.4GHz 5dBi N Male
Rubber Duck Antenna

Applications : WiFi / Wireless LAN
ZigBee / Public Safety
Bluetooth / Wireless Terminal



Type	Rubber Duck Antenna
Model No.	SER-2425-5N
ELECTRICAL	
Frequency	2400-2500MHz
Gain	5dBi
VSWR	≤1.5
Radiation Properties	Omni-directional
Power Handling	20W
Polarization	Vertical
Impedance	50 Ohms
MECHANICAL	
Length (mm)	201mm (Straight) 171mm (Hinged)
Weight	38g
Connector	N Male
Color	Black
ENVIRONMENTAL	
Temperature Range	-40° C to 60° C

SPECIFICATION

Model No. : **SER-2425-5NW**

Product Name : 2.4GHz 5dBi N Male

Dipole Antenna

Applications : WiFi / Wireless LAN

ZigBee / Public Safety

Bluetooth / Wireless Terminal



Type	Rubber Duck Antenna
Model No.	SER-2425-5NW
ELECTRICAL	
Frequency	2400-2500MHz
Gain	5dBi
VSWR	≤1.5
Radiation Properties	Omni-directional
Power Handling	20W
Polarization	Vertical
Impedance	50 Ohms
MECHANICAL	
Length (mm)	201mm (Straight) 171mm (Hinged)
Weight	38g
Connector	N Male
Color	White
ENVIRONMENTAL	
Temperature Range	-40° C to 60° C

SPECIFICATION

Model No. : **SER-2425-7H**

Product Name : 2.4G WiFi 7dBi SMA Male
Dipole Antenna

Applications : WiFi / Wireless LAN
ZigBee / Public Safety
Bluetooth / Wireless Terminal



Type	Rubber Duck Antenna
Model No.	SER-2425-7H
ELECTRICAL	
Frequency	2400-2500MHz
Gain	7dBi
VSWR	≤1.5
Radiation Properties	Omni-directional
Power Handling	20W
Polarization	Vertical
Impedance	50 Ohms
MECHANICAL	
Length (mm)	280mm
Weight	28g
Connector	SMA Male
Color	Black
ENVIRONMENTAL	
Temperature Range	-40° C to 60° C

SPECIFICATION

Model No. : **SER-2425-9H**

Product Name : 2.4GHz 9dBi SMA Male
Dipole Antenna

Applications : WiFi / Wireless LAN
ZigBee / Public Safety
Bluetooth / Wireless Terminal



Type	Rubber Duck Antenna
Model No.	SER-2425-9H
ELECTRICAL	
Frequency	2400-2500MHz
Gain	9dBi
VSWR	≤1.5
Radiation Properties	Omni-directional
Power Handling	20W
Polarization	Vertical
Impedance	50 Ohms
MECHANICAL	
Length (mm)	380mm
Weight	36g
Connector	SMA Male
Color	Black
ENVIRONMENTAL	
Temperature Range	-40° C to 60° C

SPECIFICATION

Model No. : **SER-2425-9N**

Product Name : 2.4GHz 9dBi N Male
Dipole Antenna

Applications : WiFi / Wireless LAN
ZigBee / Public Safety
Bluetooth / Wireless Terminal



Type	Rubber Duck Antenna
Model No.	SER-2425-9N
ELECTRICAL	
Frequency	2400-2500MHz
Gain	9dBi
VSWR	≤ 1.5
Radiation Properties	Omni-directional
Power Handling	20W
Polarization	Vertical
Impedance	50 Ohms
MECHANICAL	
Length (mm)	380mm
Weight	50g
Connector	N Male
Color	Black
ENVIRONMENTAL	
Temperature Range	-40° C to 60° C