

ZyXEL



- Compatible with ZyXEL WLAN devices to get optimal signal quality
- Matching colors and exterior looks
- Multiple options to meet your current network environments

Build a Wholesome WLAN Infrastructure with ZyXEL Selected Accessories

When building a wireless LAN infrastructure, the IT staff should consider several factors influencing transmission efficiency, such as different facility sizes, building materials and interior divisions. To address this concern, a comprehensive WLAN solution for wireless LAN deployments can be critical.

To facilitate the installation process, ZyXEL offers a complete range of 2.4 GHz and 5 GHz antennas, cables and other accessories for Access Points (APs) to enable customized wireless deployments for almost any installation types.





The ZyXEL antennas are available in various space, directionality, gain and range capabilities in different form factors. With appropriately coupled antennas and APs, businesses will enjoy perfect WLAN environments with superior coverage, better reliability and higher data rates in all kinds of facilities. In addition, the ZyXEL low-loss cables can be used to extend the distance between any ZyXEL 2.4 GHz and 5 GHz AP and the antenna through N-plug or RP-SMA connectors.

EXT/ANT Series
LMR Series
Wireless LAN Antenna
and Cable


Accessories

Antenna

Model	EXT-108	EXT-109	EXT-114	EXT-118
Product Photo				
Space	Outdoor	Outdoor	Outdoor	Outdoor
Frequency Band	2400 ~ 2500 MHz	2400 ~ 2500 MHz	2400 ~ 2500 MHz	2400 ~ 2500 MHz
Gain	8 dBi	9 dBi (peak)	14 dBi	18 dBi
VSWR	2.0:1 Max	1.5:1 Max	1.5:1 Max	1.5:1 Max
Polarization	Linear, vertical	Linear, vertical	Linear, vertical	Linear, vertical
HPBW/Horizontal	360°	65°	30°	15°
HPBW/Vertical	15°	60°	30°	5°
Front to back Ratio	-	15 dB	15 dB	26 dB
Impedance	50 Ω	50 Ω	50 Ω	50 Ω
Connector	N type jack	N type jack	N type jack	N type jack
Survival wind speed	216 km/hr	216 km/hr	216 km/hr	180 km/hr
Temperature	-40°C to 80°C/-40°F to 176°F	-40°C to 80°C/-40°F to 176°F	-40°C to 80°C/-40°F to 176°F	-40°C to 80°C/-40°F to 176°F
Humidity	95% at 25°C (77°F)	95% at 55°C (131°F)	95% at 55°C (131°F)	95% at 55°C (131°F)
Radome Color	Gray-white	Gray-white	White	White
Radome Material	Fiber glass	ABS	ABS, UV resistant	ABS, UV resistant
Dimensions (WxDxH)(mm/in.)	f 19 x 250	114 x 114 x 40/4.49 x 4.49 x 1.57	200 x 200 x 50/7.87 x 7.87 x 1.97	360 x 360 x 16/14.17 x 14.17 x 0.63
Weight (g/lb.)	337/0.74	107/0.24	407/0.90	1600/3.53
Accessory Kit	<ul style="list-style-type: none"> • Screw Kit • N Jack Adapter • Mounting Plate • Quick Installation Guide 	<ul style="list-style-type: none"> • Screw Kit • Cable: N-plug to RP SMA-plug; 30 cm • Converter Connector • Mounting Plate • Quick Installation Guide 	<ul style="list-style-type: none"> • Cable: N-plug to RP SMA-plug; 30 cm • Mounting Plate • Quick Installation Guide 	<ul style="list-style-type: none"> • Cable: N-plug to RP SMA-plug; 30 cm • Mounting Plate • Quick Installation Guide

Model	ANT2206		ANT2105		ANT3108	ANT3218
Product Photo						
Space	Indoor		Outdoor		Outdoor	Outdoor
Frequency Band	2400 ~ 2500 MHz	4900 ~ 5875 MHz	2400 ~ 2483 MHz	5150 ~ 5875 MHz	4900 ~ 5875 MHz	4900 ~ 5875 MHz
Gain	6 dBi	8 dBi	4.5 dBi	7 dBi	8 dBi	18 dBi
VSWR	2.0:1 Max	2.0:1 Max	2.0:1 Max	2.0:1 Max	2.0:1 Max	2.0:1 Max
Polarization	Linear, vertical	Linear, vertical	Linear, vertical	Linear, vertical	Linear, vertical	Linear, vertical
HPBW/Horizontal	65°	50°	360°	360°	360°	15.5°
HPBW/Vertical	75°	50°	30°	15°	20°	15.5°
Front to back Ratio	12 dB		-		-	25 dB
Impedance	50 Ω		50 Ω		50 Ω	50 Ω
Connector	RP SMA Plug		N type male		N type female	N type female
Survival wind speed	-		216 km/hr		216 km/hr	216 km/hr
Temperature	-10°C to 55°C/14°F to 131°F		-10°C to 70°C/14°F to 158°F		-40°C to 80°C/-40°F to 176°F	-40°C to 80°C/-40°F to 176°F
Humidity	95% at 55°C (131°F)		95% at 55°C (131°F)		95% at 55°C (131°F)	95% at 55°C (131°F)
Radome Color	White, Black		Gray		White	Gray-white
Radome Material	ABS, UV resistant		ABS		ABS, UV resistant	ABS, UV resistant
Dimensions (WxDxH)(mm/in.)	76 x 86 x 118/2.99 x 3.39 x 4.65		f 22 x 183		f 20 x 260	210 x 210 x 73/8.27 x 8.27 x 2.87
Weight (g/lb.)	110/0.24		70/0.15		206/0.46	640/1.41
Accessory Kit	<ul style="list-style-type: none"> • Screw Kit • Quick Installation Guide 		<ul style="list-style-type: none"> • N-plug to RP 		<ul style="list-style-type: none"> • N Jack CAP; Black • Mounting Plate • Quick Installation Guide 	<ul style="list-style-type: none"> • Mounting Plate • Screws

Cable

Model	LMR 200	LMR 400
Product Photo		
Connector	N-plug to RP-SMA Plug	N-plug to N-plug
Cable length	3 m, 9 m	1 m, 9 m
Outer diameter	4.95 mm	10.29 mm
Operating temperature	-40°C to 85°C/-40°F to 185°F	-40°C to 85°C/-40°F to 185°F
Attenuation	55.4 dB/100 m @ 2.5 GHz	22.2 dB/100 m @ 2.5 GHz

Accessories

Model	EXT-300	Ceiling Mounting Kit
Product Photo		
Description	Jumper Cable & Surge Arrestor	For NWA-3160, NWA-3163 & NWA-3166, NWA3160-N, NWA3560-N, NWA5160N, NWA5560-N



For more product information, visit us on the web at www.ZyXEL.com



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