

# 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
<b>Product Photo</b>				
<b>Space</b>	Outdoor	Outdoor	Outdoor	Outdoor
<b>Frequency Band</b>	2400 ~ 2500 MHz	2400 ~ 2500 MHz	2400 ~ 2500 MHz	2400 ~ 2500 MHz
<b>Gain</b>	8 dBi	8.5 dBi (peak)	14 dBi	18 dBi
<b>VSWR</b>	2.0:1 Max	1.5:1 Max	1.5:1 Max	1.5:1 Max
<b>Polarization</b>	Linear, vertical	Linear, vertical	Linear, vertical	Linear, vertical
<b>HPBW/Horizontal</b>	360°	65°	30°	15°
<b>HPBW/Vertical</b>	15°	60°	30°	5°
<b>Front to back Ratio</b>	-	15 dB	15 dB	26 dB
<b>Impedance</b>	50 Ω	50 Ω	50 Ω	50 Ω
<b>Connector</b>	N type jack	N type jack	N type jack	N type jack
<b>Survival wind speed</b>	216 km/hr	216 km/hr	216 km/hr	216 km/hr
<b>Temperature</b>	-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
<b>Humidity</b>	95% at 25°C (77°F)	95% at 55°C (131°F)	95% at 55°C (131°F)	95% at 55°C (131°F)
<b>Radome Color</b>	Gray-white	Light gray	Gray/White	White
<b>Radome Material</b>	Fiber glass	ABS, UV resistant	ABS	ABS, UV resistant
<b>Dimensions (WxDxH)(mm/in.)</b>	80 x 78 x 520/3.15 x 3.07 x 20.47	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
<b>Weight (g/lb.)</b>	340/0.75	107/0.24	407/0.90	1600/3.53
<b>Accessory Kit</b>	<ul style="list-style-type: none"> <li>• Screw Kit</li> <li>• N-plug Adapter</li> <li>• Mounting Kit</li> <li>• Quick Installation Guide</li> </ul>	<ul style="list-style-type: none"> <li>• Cable: N-plug to RP SMA-plug; 30 cm</li> <li>• Mounting Kit</li> <li>• Quick Installation Guide</li> </ul>	<ul style="list-style-type: none"> <li>• Cable: N-plug to RP SMA-plug; 30 cm</li> <li>• Mounting Kit</li> <li>• Quick Installation Guide</li> </ul>	<ul style="list-style-type: none"> <li>• Cable: N-plug to RP SMA-plug; 30 cm</li> <li>• Mounting Set</li> <li>• Quick Installation Guide</li> </ul>

Model	ANT2206		ANT2105		ANT3108	ANT3218
<b>Product Photo</b>						
<b>Space</b>	Indoor		Outdoor		Outdoor	Outdoor
<b>Frequency Band</b>	2400 ~ 2500 MHz	4900 ~ 5875 MHz	2400 ~ 2483 MHz	5150 ~ 5875 MHz	5150 ~ 5875 MHz	5150 ~ 5875 MHz
<b>Gain</b>	6 dBi	8 dBi	4.5 dBi	7 dBi	8 dBi	18 dBi
<b>VSWR</b>	2.0:1 Max	2.0:1 Max	2.0:1 Max	2.0:1 Max	2.0:1 Max	2.0:1 Max
<b>Polarization</b>	Linear, vertical	Linear, vertical	Linear, vertical	Linear, vertical	Linear, vertical	Linear, vertical
<b>HPBW/Horizontal</b>	65°	50°	360°	360°	360°	15.5°
<b>HPBW/Vertical</b>	75°	50°	30°	15°	20°	15.5°
<b>Front to back Ratio</b>	12 dB		-		-	27 dB
<b>Impedance</b>	50 Ω		50 Ω		50 Ω	50 Ω
<b>Connector</b>	RP SMA plug		N type plug		N type jack	N type jack
<b>Survival wind speed</b>	-		216 km/hr		216 km/hr	216 km/hr
<b>Temperature</b>	-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
<b>Humidity</b>	95% at 55°C (131°F)		95% at 55°C (131°F)		95% at 55°C (131°F)	95% at 55°C (131°F)
<b>Radome Color</b>	White, Black		White		White	Gray-white
<b>Radome Material</b>	ABS, UV resistant		ABS		ABS, UV resistant	ABS, UV resistant
<b>Dimensions (WxDxH)(mm/in.)</b>	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
<b>Weight (g/lb.)</b>	110/0.24		70/0.15		206/0.46	700/1.54
<b>Accessory Kit</b>	<ul style="list-style-type: none"> <li>• Screw Kit</li> <li>• Quick Installation Guide</li> </ul>				<ul style="list-style-type: none"> <li>• Mounting Kit</li> <li>• Quick Installation Guide</li> </ul>	<ul style="list-style-type: none"> <li>• Mounting Kit</li> <li>• Quick Installation Guide</li> </ul>

### Cable

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

### Accessories

Model	EXT-300	Ceiling Mounting Kit
<b>Product Photo</b>		
<b>Description</b>	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](http://www.ZyXEL.com)



Copyright © 2011 ZyXEL Communications Corp. All rights reserved. ZyXEL, ZyXEL logo are registered trademarks of ZyXEL Communications Corp. All other brands, product names, or trademarks mentioned are the property of their respective owners. All specifications are subject to change without notice.