

### ANT24-DLK3M



3m LMR200 Low Loss Antenna Cable  
Indoor, Include RP SMA Plug and N Plug

### ANT24-ODU03M



30cm LMR200 Low Loss Antenna Cable  
Outdoor, Include RP N Plug and N Plug

### ANT24-ODU1M



1m LMR400 Low Loss Antenna Cable  
Outdoor, Include RP N Plug and N Plug

### ANT24-ODU3M



3m LMR400 Low Loss Antenna Cable  
Outdoor, Include RP N Plug and N Plug

## Antenna Extension Cables

D-Link, an industry leader in networking solutions introduces a series of antenna cables to help optimize existing wireless LAN deployment. Most routers and access points on the market today are equipped with a detachable standard antenna capable of performing within a certain area. To accommodate the number of integrators seeking to upgrade their default antenna to a higher gain antenna without risking signal loss, D-Link offers two grades of antenna cables in various lengths with different connector types to help meet installation requirements. Connector types include RP-SMA, RP-TNC and RP-N and are color-coded for easy installation.

### Ideal for Indoor or Outdoor Deployments

(Indoor)

Some businesses tend to keep all their hardware stored in a closet on each floor or within a single room, thereby limiting the signal transmission of the antenna. In order to improve wireless coverage, network administrators can leave the hardware in the closet, and use the antenna extension cable to mount the antenna on the outside of the closet or room. Whether placed nearby or placed several meters away, the antenna can take advantage of the open space to offer exceptional wireless signal transmission and reception.

(Outdoor)

For the businesses that wirelessly bridge networks located in separate buildings together or run outdoor hotspots, these extension cables provide network administrators with the option to maximize the wireless signal strength and coverage. Like the indoor application, the wireless device can be placed in a specific area to avoid environmental-imposed degradation, but the antenna can be placed away from the device and mounted in an open area. Various cable lengths are available to meet different installation requirements.

### Flexible and Durable Material Designed to Withstand Harsh Environments

Each of the antenna cables are made of solid and durable materials to provide protection from operational stress. For the extension cables used in outdoor deployments, the cable material can withstand rough environmental conditions including high heat, heavy rain, and intense UV rays. To assist network integrators choose the right type of antenna cable, each cable is rated based on rigidity. The less rigid the cable, the more flexible it is to coil or wrap around corners.

### Compatible with Antennas Operating in 2.4GHz and/or 5GHz Frequency

D-Link's antenna kits are hardware independent and work with virtually all 802.11a and 802.11b/g wireless devices. Each extension cable can be used with antennas that operate in the 2.4GHz or 5GHz frequency band.

By using any one of the D-Link antenna extension cables, network integrators have an array of options to choose from that can accommodate their network needs. In turn, networks will experience less signal loss and increased network performance.

## Mechanical/Environmental Specifications

	Model name	Specifications
<b>Cable Jacket</b>	ANT24-ODU03M ANT24-ODU1M ANT24-ODU3M ANT24-DLK3M	Black Polyethylene
<b>Connectors</b>	ANT24-ODU03M ANT24-ODU1M ANT24-ODU3M	RP-N Plug & N Plug
	ANT24-DLK3M	RP-SMA Plug & N Plug
<b>Minimum Bend Radius</b>	ANT24-DLK3M ANT24-ODU03M(LMR-200)	12.7 mm
	ANT24-ODU1M ANT24-ODU3M(LMR-400)	25.4 mm
<b>Environment</b>	ANT24-ODU03M ANT24-ODU1M ANT24-ODU3M ANT24-DLK3M	Outdoor/Indoor
<b>Operating Temperature Range</b>	ANT24-ODU03M ANT24-ODU1M ANT24-ODU3M ANT24-DLK3M	-40°C to +85°C
<b>Weatherproof</b>	ANT24-ODU03M ANT24-ODU1M ANT24-ODU3M ANT24-DLK3M	Yes
<b>UV Rating</b>	ANT24-ODU03M ANT24-ODU1M ANT24-ODU3M ANT24-DLK3M	5 Years

## Electrical Specifications

	Antenna Kit	Specifications
<b>Operating Frequency Range</b>	ANT24-ODU03M ANT24-ODU1M ANT24-ODU3M ANT24-DLK3M	2.4 to 2.5 Ghz
		5.15 to 5.75 Ghz
<b>Nominal Characteristic Impedance</b>	ANT24-ODU03M ANT24-ODU1M ANT24-ODU3M ANT24-DLK3M	50 ohm
<b>Insertion Loss @ 2.4 to 2.5 Ghz</b>	ANT24-ODU03M(LMR-200)	0.45 to 0.6 dB
	ANT24-ODU1M(LMR-400)	0.5 to 0.6 dB
	ANT24-ODU3M(LMR-400)	0.85 to 1 dB
	ANT24-DLK3M(LMR-200)	1.96 to 2 dB
<b>Insertion Loss @ 5.15 to 5.75 Ghz</b>	ANT24-ODU03M(LMR-200)	1 to 1.15 dB
	ANT24-ODU1M(LMR-400)	1 to 1.15 dB
	ANT24-ODU3M(LMR-400)	1.6 to 1.75 dB
	ANT24-DLK3M(LMR-200)	3.3 to 3.45 dB
<b>VSWR</b>	ANT24-ODU03M ANT24-ODU1M	1.3:1 @ 2.4 to 2.5 GHz
	ANT24-ODU3M ANT24-DLK3M	1.6:1 @ 5.15 to 5.75 Ghz