

Kiss Buffering Goodbye

WAPs

Araknis designs its wireless access points to be fast, reliable, and hasslefree, because the best network is one you never notice. And with four distinct series, plus an outdoor option, you'll find a product that best fits your specific needs. Keep your Wi-Fi signal strong with Araknis Networks®.

Networking installs require a fast and reliable connection at all times. Which is why Araknis Networks® wireless access points are designed to keep your customer's signal strong and your service calls to a minimum.



FEATURES

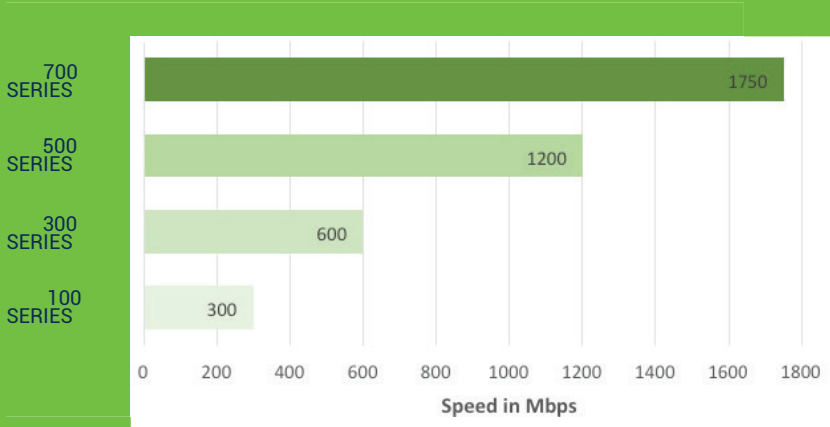
STYLISH & EFFICIENT

Features include a sleek and compact design, Fast Roaming, which allows your wireless device to automatically connect to the strongest-sigaled access point based on your location, and cloudbased device management software that gives your integrator the option for remote troubleshooting.

DESIGNED FOR YOU

A fast and reliable WAP ensures optimum performance with the latest phones, tablets, and laptops, and allows you and your family to enjoy uninterrupted Internet browsing, video, and music streaming.

Maximum Aggregated Speed Family Comparison



| SPEC FEATURES | 100-series | 300-series | 500-series | 700-series |
|--------------------------------|-----------------------------------|--|--|---------------------------------|
| Recommended Setting | Rural Area/ No Neighbors | Townhouse/Single Family House/ Apartment/Condo | Townhouse/Single Family House/ Apartment/Condo | Commercial/SMB/ Larger Homes |
| Environment Interference Level | Low | Med-High | Med-High | Med-High |
| Client Devices | Legacy | Not too modern, majority mobile | Modern, majority mobile | Modern, majority PC |
| Client Speed Demand | Low - just connectivity | Average | High | High |
| Future Proof | Low - 2.4GHz is very congested | Med - 5GHz capability | High - 802.11ac | High - 802.11ac |
| Coverage | High | High | High | High |
| Max Aggregated Speed | 300Mbps | 600Mbps | 1200Mbps | 1750Mbps |
| Cloud Management Capability | Yes | Yes | Yes | Yes |
| Limited Product Warranty | 2-Year | 2-Year | 2-Year | 2-Year |
| Outdoor Model | | | | ✓ |

Expand your wireless coverage to the patio, deck, or guest house with the 700 Series Outdoor Access Point. An IP55 rating and multiple mounting options means you can confidently install this access point without fear of the elements.



UP TO
1750
MBPS

Get complete coverage, even outside, with our line of wireless access points (WAPs). All of our WAPs come equipped with Fast-Roaming, and our new 510- and 810 models are perfect for highdensity installs.

Speed Through High-Traffic Superhighways

ROUTERS

Araknis routers provide a high-speed connection that makes for a hassle-free network experience, along with a cloud-based device management software that gives your integrator the option for remote troubleshooting. Araknis Networks® understands the importance of modern, seamless connectivity, which is why we focus on one thing making your network.

1
GIGABIT THROUGHPUT



FEATURES

THE NEED FOR SPEED

When it comes to networking, every second counts. That's why our routers come equipped with 1 Gbps throughput on all LAN ports, for faster speeds and a better experience.

INNOVATIVE DESIGN

Stylish blue LEDs on the front faceplate give you a clean finish every time. Plus, a slim 1U rack-mountable design with a built-in power supply or a compact all-in-one Wi-Fi model allows for multiple installation options.



IRON-CLAD INTERNET

An embedded firewall supports Stateful Packet Inspection (SPI), Denial of Service (DoS) prevention, WAN Request Blocking, and OpenVPN. Its layers of network security make it harder for hackers to attack, so your private data stays safe. And with multiple content filtering levels, you can ensure your household has a safe browsing experience

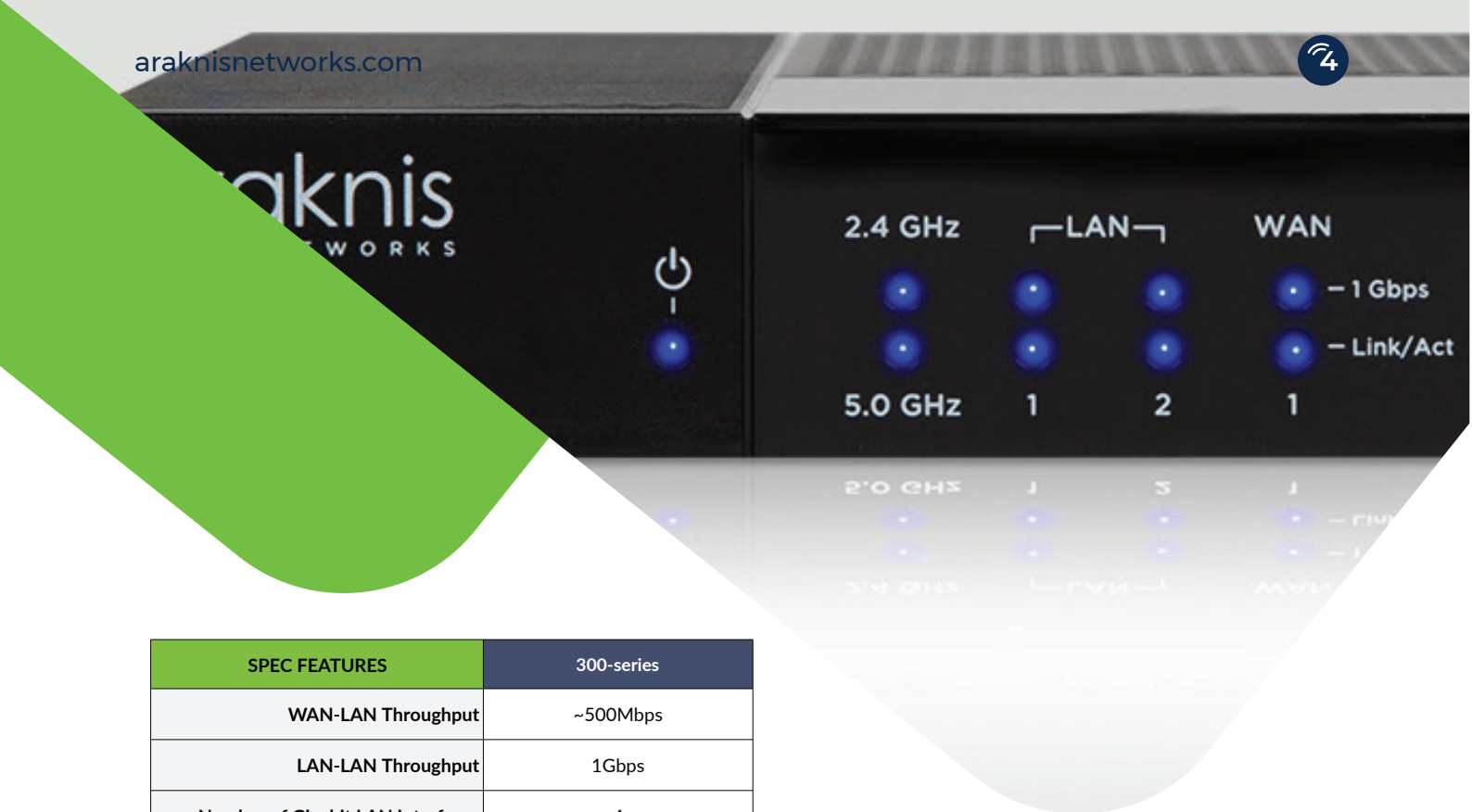
RELIABLE CONNECTION

Dual-gigabit WAN allows you to connect to two different ISPs (for example: TWC and Comcast), so you'll never lose your connection in the case of service failure.

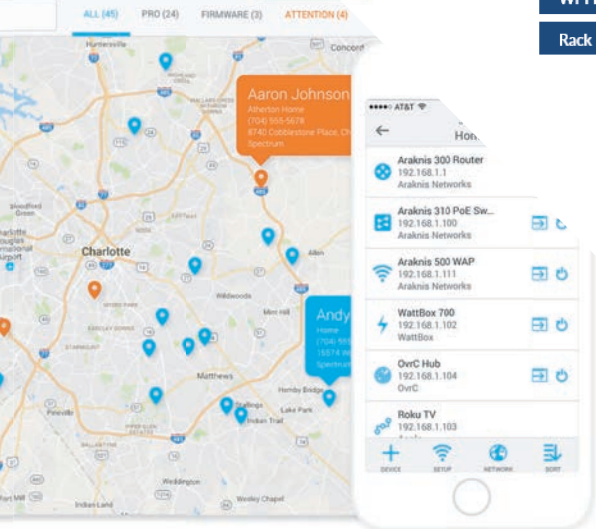
GIGABIT INTERNET

In the age of abundant Internet speeds, the entire line of Araknis Routers supports Gigabit Internet. You don't have to worry about what model to choose when it comes to network performance.





| SPEC FEATURES | 300-series |
|--------------------------------------|----------------------|
| WAN-LAN Throughput | ~500Mbps |
| LAN-LAN Throughput | 1Gbps |
| Number of Gigabit LAN Interfaces | 4 |
| Number of Gigabit WAN Interfaces | 2 |
| WAN Load-balancing and Link Failover | Yes |
| VPN Support | PPTP, IPSec, OpenVPN |
| VLAN Support | Yes - 802.1Q |
| QoS Support | Yes - 802.1p |
| Access Control Lists | Yes |
| Cloud Management Capability | Yes |
| Limited Product Warranty | 2-Year |



- Network Size
- OvrC Pro Embedded
- Supports Gigabit Internet
- Wi-Fi Enabled
- Rack Mountable

| 110 | 110 Wireless | 310 |
|----------------------------|----------------------------|-----------------------------------|
| Small Up to 150 devices | Small Up to 150 devices | Medium-Large Up to 500 devices |
| ✓ | ✓ | ✓ |
| ✓ | ✓ | ✓ |
| | ✓ | ✓ |

Embedded with OvrC Pro

As a professional integrator, you're expected to own and support the entire network. Having the advanced remote management capabilities of OvrC Pro on every job is not an option anymore. That's why we embedded the capabilities of OvrC Pro into every router at no additional cost, so that you're equipped with the tools to be successful.

Sleek Design

SWITCHES

100-Series Unmanaged Gigabit Switches with Rear Ports

Both stylish and informative, front blue LED lights indicate power status, port speed, and link status. Plus, the 1U faceplate is constructed with industrial materials, beveled edges, and a glossy finish, making for a clean and slim design you'll love to show off.

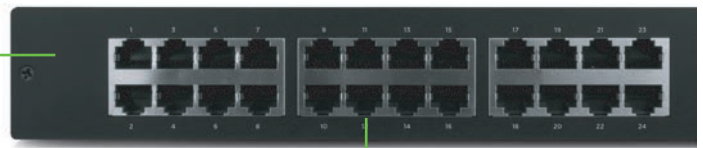
SMART DESIGN

A sturdy metal housing provides strength and durability, while ports on the back of the switch ensure a neat and tidy appearance. Equipment is connected and wires are routed in the back of the rack – where it's completely out of sight.



SILENT OPERATION

A completely fan-less design means these network switches operate silently – no matter where they're being used. Openings on the sides provide ventilation that adds reliability without any distracting fan noise.



SPEED AND SUPPORT

Capable of providing a whopping 1Gbps on every port at the same time, these switches are perfect for fast video streaming and supporting multiple high-bandwidth devices – Smart TVs, Apple TVs, IP surveillance systems, gaming consoles, Video On Demand services and more.

ARAKNIS NETWORK ACCESSORY GIGABIT POE+ INJECTOR



Designed for both form and functionality, Araknis switches bring new life to networking installs. No matter the series, you'll get a reliable switch that has been thoroughly tested to ensure optimal performance at every turn.



Allows for connection of a PoE device (ex: surveillance camera, control system) to an unmanaged switch.



GIGABIT



FANLESS



MULTI-MOUNTING



METAL HOUSING



PLUG-N-PLAY



Small Stature, Big Performance

| Model | AN-100-SW-R-5 | AN-100-SW-R-8 | AN-100-SW-R-16 | AN-100-SW-R-24 |
|---------------------------------|---------------------|-----------------|-----------------------|------------------|
| Interface | | | | |
| 10/100/1000Base RJ-45 Ports | 5 | 8 | 16 | 24 |
| Physical Configuration | | | | |
| Flash Memory | --- | --- | 2MB | 2MB |
| SDRAM | --- | --- | 64KB (SRAM) | 64KB (SRAM) |
| Packet Buffer | 128KB | | 512KB | |
| Performance | | | | |
| MAC Address Table | 4K | | 8K | |
| Switching Capacity | 10Gpbs | 16Gpbs | 32Gpbs | 48Gpbs |
| Forwarding Rate | 7.4Mpps | 11.9Mpps | 23.8Mpps | 35.7Mpps |
| Jumbo Frame Support | 9K | | | |
| Environmental | | | | |
| Dimensions (Inches) (W x H x D) | 5.1 x 0.9 x 3.0 | 8.9 x 1.7 x 4.8 | 12.9 x 1.7 x 8.2 | 12.9 x 1.7 x 8.2 |
| Power Supply | 5V DC, 2.5A Adapter | | 100-240V AC, 50/60 Hz | |
| Maximum Power Consumption (W) | 2.5W | 3.5W | 8W | 11W |
| Operating Temperature (F) | 32°F to 104°F | | | |
| Humidity (non-condensing) | 10 to 90% | | | |
| Weight (lbs.) | 0.6 | 2.0 | 4.0 | 4.4 |



Tolly is the leading provider of benchmarking services to quantify the functionality and performance of hosted and on-premise solutions for Information Technology products and services, and provides evidence that a product meets or exceeds its performance claims. The Araknis™ 100 Series Unmanaged Switch (AN-100-SW-R-24) was independently tested and verified in both feature and performance comparisons versus Cisco Systems and Pakedge products.

**2 YEAR
LIMITED
WARRANTY**

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A New Way to Network

SWITCHES

300-Series Managed Gigabit Switches

The perfect go-to solution for all of your clients, Araknis Networks® devices were designed to meet today's most stringent performance and bandwidth requirements. You shouldn't have to settle for anything less

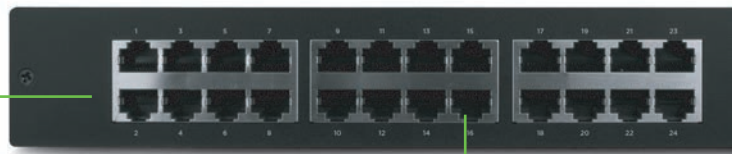
CLEAN, SIMPLE INSTALLS

Equipped with PoE / PoE+, these switches provide powerful connectivity and a clean, one-wire solution that eliminates the need for extra cables and power supplies that can clutter the install. Available with front- or rear-facing ports, they offer maximum install flexibility for AV and IT applications.



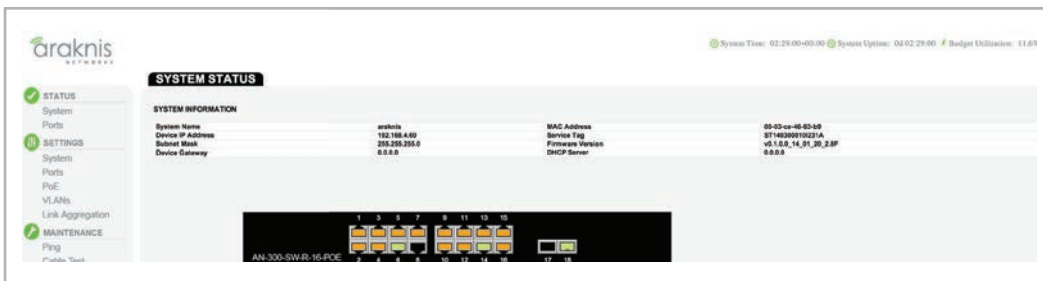
ULTRA-QUIET FANS

Equipped with variable speed fans that are significantly quieter than the competition, these switches are able to stay cool without causing a racket.



SPEED AND SUPPORT

Capable of providing a whopping 1Gbps on every port at the same time, these switches are perfect for fast video streaming and supporting multiple high-bandwidth devices – Smart TVs, Apple TVs, IP surveillance systems, gaming consoles, Video On Demand services and more.



EASY-TO-USE INTERFACE

Advanced functionality meets ease of use in this intuitive user interface. It puts the most commonly used features front and center – making it easy to setup and monitor the network – plus it's equipped with straightforward troubleshooting, smart management options, and plenty of bells and whistles for networking ninjas.

Reliable Systems



| Model | AN-300-SW-R-8-POE | AN-300-SW-R-16-POE | AN-300-SW-R-24-POE | AN-300-SW-F-8-POE | AN-300-SW-F-16-POE | AN-300-SW-F-24-POE |
|---------------------------------|-----------------------|--------------------|--------------------|-----------------------|--------------------|--------------------|
| Interface | | | | | | |
| 10/100/1000Base RJ-45 Ports | 8 | 16 | 24 | 8 | 16 | 24 |
| 1000Base SFP | 2 | | | 2 | | |
| PoE Ports | 8 | 16 | 24 | 8 | 16 | 24 |
| Physical Configuration | | | | | | |
| Flash Memory | 16MB SPI | | | 16MB SPI | | |
| SDRAM | 128MB | | | 128MB | | |
| Packet Buffer | 512KB | | | 512KB | | |
| Performance | | | | | | |
| MAC Address Table | 8K | | | 8K | | |
| Switching Capacity | 20Gbps | 36Gbps | 52Gbps | 20Gbps | 36Gbps | 52Gbps |
| Forwarding Rate | 14.8Mpps | 26.7Mpps | 38.7Mpps | 14.8Mpps | 26.7Mpps | 38.7Mpps |
| Jumbo Frame Support | 9K | | | 9K | | |
| Environmental | | | | | | |
| Dimensions (Inches) (W x H x D) | 1.7 x 12.9 x 8.2 | 1.7 x 12.9 x 8.2 | 1.7 x 17.2 x 12.9 | 1.7 x 12.9 x 8.2 | 1.7 x 12.9 x 8.2 | 1.7 x 17.2 x 12.9 |
| Power Supply | 100-240V AC, 50/60 Hz | | | 100-240V AC, 50/60 Hz | | |
| Maximum Power Consumption (W) | 15W | 20W | 24W | 15W | 20W | 24W |
| Operating Temperature (F) | 32°F to 104°F | | | 32°F to 104°F | | |
| Humidity (non-condensing) | 10 to 90% | | | 10 to 90% | | |
| Weight (lbs.) | 4.8 | 5.3 | 10.4 | 4.8 | 5.3 | 10.4 |



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INTUITIVE INTERFACE

Sleek Design

SWITCHES

300-Series Managed Gigabit Switches with PoE

Available in 5-, 8-, 16- and 24-port options, and with focused feature sets, Araknis switches support a wide range of networking needs. All products are OvrC-enabled, with Unmanaged+, Websmart, Managed, and both Partial- and Full PoE+ options.

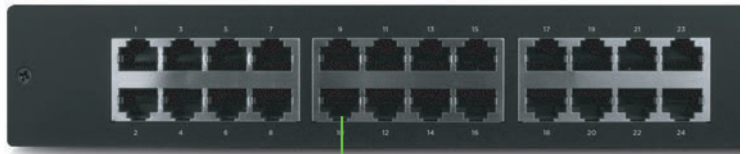
CLEAN, SIMPLE INSTALLS

Equipped with PoE / PoE+, these switches provide powerful connectivity and a clean, one-wire solution that eliminates the need for extra cables and power supplies that can clutter the install. Available with front- or rear-facing ports, they offer maximum install flexibility for AV and IT applications.



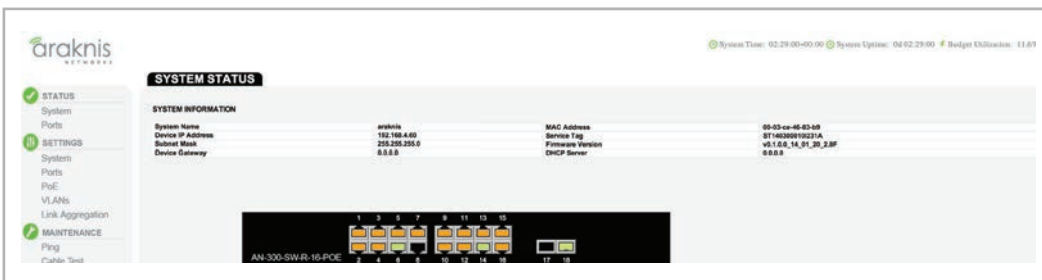
ULTRA-QUIET FANS

Equipped with variable speed fans that are significantly quieter than the competition, these switches are able to stay cool without causing a racket.



SPEED AND SUPPORT

Capable of providing a whopping 1Gbps on every port at the same time, these switches are perfect for fast video streaming and supporting multiple high-bandwidth devices – Smart TVs, Apple TVs, IP surveillance systems, gaming consoles, Video On Demand services and more.



Allows for connection of a PoE device (ex: surveillance camera, control system) to an unmanaged switch.



Engineered To Deliver Best-In-Class Performance

| Model | AN-300-SW-R-8-POE | AN-300-SW-R-16-POE | AN-300-SW-R-24-POE | AN-300-SW-F-8-POE | AN-300-SW-F-16-POE | AN-300-SW-F-24-POE |
|---------------------------------|-----------------------|--------------------|--------------------|-----------------------|--------------------|--------------------|
| Interface | | | | | | |
| 10/100/1000Base RJ-45 Ports | 8 | 16 | 24 | 8 | 16 | 24 |
| 1000Base SFP | 2 | | | 2 | | |
| PoE Ports | 8 | 16 | 24 | 8 | 16 | 24 |
| Physical Configuration | | | | | | |
| Flash Memory | 16MB SPI | | | 16MB SPI | | |
| SDRAM | 128MB | | | 128MB | | |
| Packet Buffer | 512KB | | | 512KB | | |
| Performance | | | | | | |
| MAC Address Table | 8K | | | 8K | | |
| Switching Capacity | 20Gbps | 36Gbps | 52Gbps | 20Gbps | 36Gbps | 52Gbps |
| Forwarding Rate | 14.8Mpps | 26.7Mpps | 38.7Mpps | 14.8Mpps | 26.7Mpps | 38.7Mpps |
| Jumbo Frame Support | 9K | | | 9K | | |
| Environmental | | | | | | |
| Dimensions (Inches) (W x H x D) | 1.7 x 12.9 x 8.2 | 1.7 x 12.9 x 8.2 | 1.7 x 17.2 x 12.9 | 1.7 x 12.9 x 8.2 | 1.7 x 12.9 x 8.2 | 1.7 x 17.2 x 12.9 |
| Power Supply | 100-240V AC, 50/60 Hz | | | 100-240V AC, 50/60 Hz | | |
| Maximum Power Consumption (W) | 15W | 20W | 24W | 15W | 20W | 24W |
| Operating Temperature (F) | 32°F to 104°F | | | 32°F to 104°F | | |
| Humidity (non-condensing) | 10 to 90% | | | 10 to 90% | | |
| Weight (lbs.) | 4.8 | 5.3 | 10.4 | 4.8 | 5.3 | 10.4 |



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