



NEW PRODUCT: STARLINK PERFORMANCE

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- **What:** Starlink will be launching the next generation *Starlink Performance* kit in June 2025
- **Price:** \$2500
- **Target Customers:** Mobility, Maritime, Fixed Site Businesses, Prosumers



Why choose Performance over Standard?

- **Higher scan range**
 - Critical for maintaining an uninterrupted connection in mobility use cases and in polar and equatorial regions
- **Designed for extreme environments**
 - First Starlink product with an aluminum enclosure – able to withstand more wear and tear
 - The best thermal performance of any Starlink product
 - Maintains high data rates in extreme heat
 - Increased snow melt capability
 - Best waterproof ratings
 - Dish is waterproof even when cables are not installed (IP68 rating)
 - Can be hot pressure washed with cables installed (IP69K rating)
 - Can be used in high vibration environments
- **Designed/tested for longer life**
 - 3-year warranty vs 1-year for Standard
 - Designed and qualified for 10-year field survivability
- **Ability for 2X speed boost in 2026**
 - Hardware is designed to support 2X current bandwidth once next gen satellite network is online

Key upgrades over Flat High Performance

- Upgraded cables/connectors with retention
- Smaller form factor and lower power
- Vastly improved water/dust ingress protection
 - IP56 → IP68/IP69K
- Better mounting options
- Improved vibration and shock ratings
- Ability to field terminate new and existing cables with new connectors



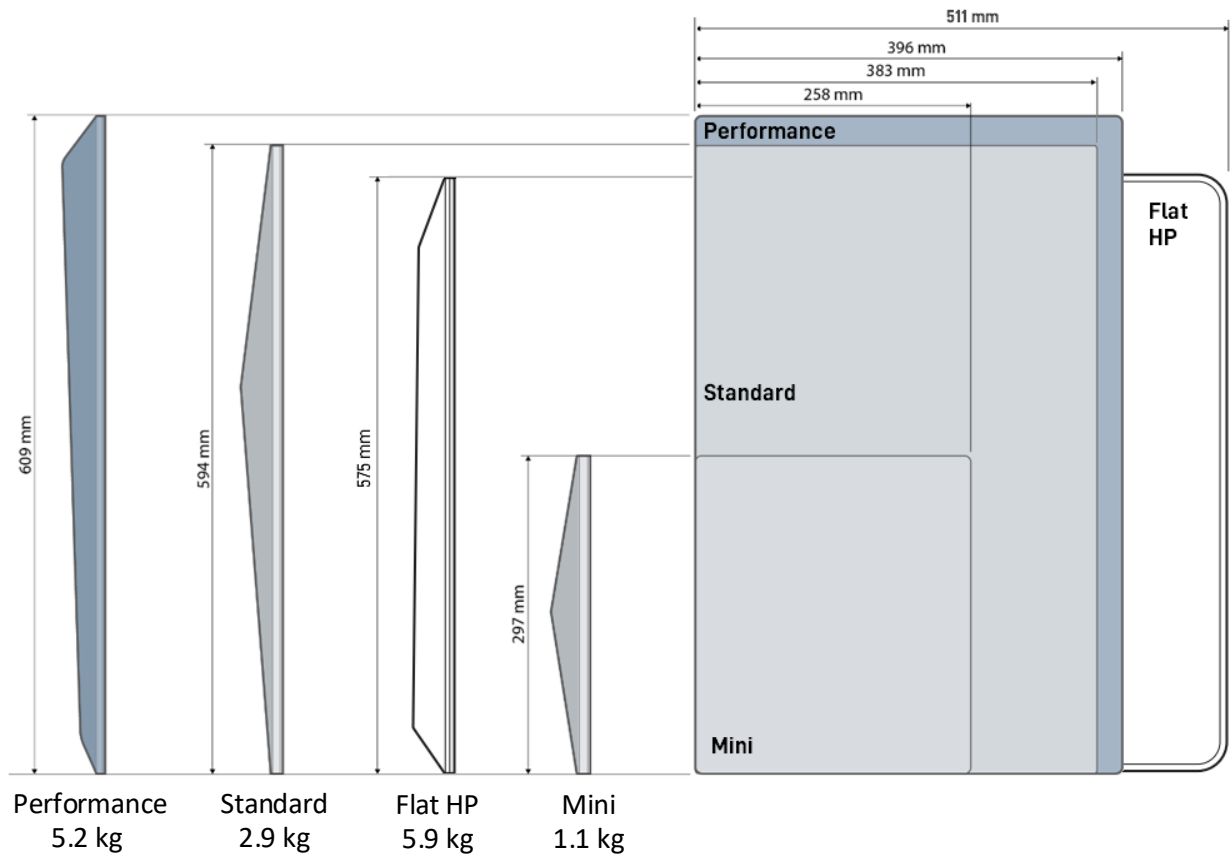
STARLINK PERFORMANCE | PRODUCT COMPARISON



	Flat High Performance	Performance	Standard
Peak Throughput	450 Mbps Download 47 Mbps Upload	470 Mbps Download 48 Mbps Upload	470 Mbps Download 48 Mbps Upload
Field of View	140°	140°	110°
Dish Environmental Rating	IP56 (with cables installed) Not Rated (no cables installed)	IP69K (with cables installed) IP68 (no cables installed)	IP67 Type 4 (with cables installed) Not Rated (no cables installed)
Power Supply Environmental Rating	IP66	IP68 (with cables installed or plugged)	IP66 Type 4
Operating Temperature	-30°C to 50°C (-22°F to 122°F)	-40°C to 60°C (-40°F to 140°F)	-30°C to 50°C (-22°F to 122°F)
Snow Melt Capability	Up to 75mm / hour (3in / hour)	Up to 85mm / hour (3.5 in / hour)	Up to 40 mm / hour (1.5 in / hour)
Wind Speed Rating	Survivable: 280 kph+ (174 mph+)	Survivable: 280 kph+ (174 mph+)	Survivable: 177 kph+ (110 mph+)
Power Specifications	100-240V AC	100-240VAC, 12V-56VDC	100-240V AC
Avg Power Draw	110 W	70 W	62 W
Router Compatibility	Third party compatible	Third party compatible	Requires Advanced Power Supply to support third party routers
Available Cable Lengths <i>*included in kit</i>	2m, 25m*, 45m	5m, 25m*, 50m, 50m LSZH	15m*, 45m
Cable Connectors	High Performance Starlink Connector to Starlink Gen2 Router Connector	Starlink Performance to Starlink RJ45 Able to field terminate	Starlink RJ45 to Starlink RJ45
Warranty Length	2 Years	3 Years	1 Year



STARLINK PERFORMANCE | PRODUCT SIZE COMPARISON



STARLINK PERFORMANCE | WHAT'S INCLUDED



***CHOICE OF MOUNT IS
INCLUDED WITH PURCHASE,
SHIPS IN SEPARATE BOX**

DISH

**QUICK START
GUIDE**

**ADVANCED
POWER SUPPLY**

**CABLES
25M POE
1.5M AC POWER
1.5M DC POWER
5M ETHERNET**

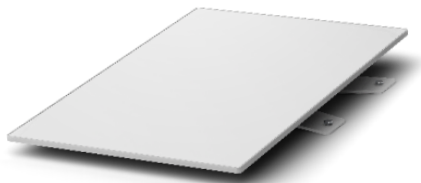


STARLINK PERFORMANCE | ACCESSORIES

MOUNTS



WEDGE



FLAT



PIPE
ADAPTER



WALL
MOUNT

NETWORKING



GEN3 ROUTER/MESH KIT



THIRD PARTY ROUTERS



ADVANCED POWER SUPPLY
(AC & DC CAPABLE)

CABLES/CONNECTORS



POE CABLES
(5M, 25M, 50M, 50M-LSZH)



PERFORMANCE CONNECTOR
FIELD TERMINATION KIT



RJ45 FIELD TERMINATION KIT



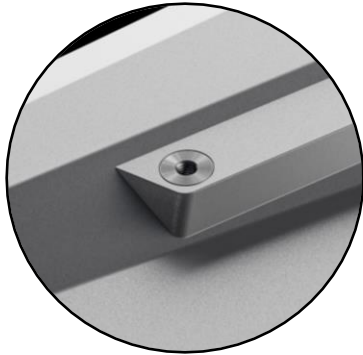
LOWER ENCLOSURE | ALUMINUM DIE CASTING

- Enables robust dish mounting for high vibration resilience in harsh, in motion environments
- Enclosure serves as heat sink, reduces thermal throttling in extreme hot environments
- Creates a premium fit, finish
- Provides rigid connector bulkhead mounting for cable



1

Wrap around aluminum bezel, radome recessed 1mm in enclosure for side impact protection



2

Mounting by threaded fasteners, all metal load path to mount



3

Robust connection to cable capable of surviving 180N (40 lbs)





High Reliability

- IP68 when disconnected, IP69K when connected
- Excellent corrosion performance from super duplex stainless-steel shells
- Tested to aggressive impact and vibration profiles
- Able to connect in moisture and FOD-rich environments

Improved User Experience

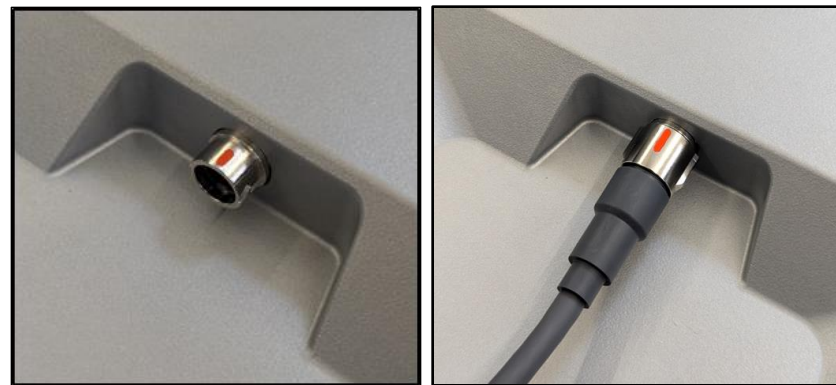
- Up to 50m cable length
- Push to connect with auto-locking mechanism
- 1/8th turn to unlock and disconnect
- Keyed orientation with visual and tactile indicators

Field Termination Kits

- Retrofit any existing Starlink HP cables
- Simple hand tools to assemble
- Same reliability as factory cable

Starlink Performance Connector advantages over COTS

- Lower water absorption plastics
- Higher gold plating thickness on contacts
- Redundant sealing interfaces
- Tighter fits between plug and connector for improved feel
- More robust anti-scooping features to protect pins from damage
- More obvious keying features for blind mating



ADVANCED POWER SUPPLY | PRODUCT OVERVIEW

- Designed to accommodate all enterprise use cases
 - Supports AC and DC power inputs
 - Able to power Starlink Performance, Standard or Flat HP
 - LAN port for Starlink (or 3rd party) router
 - Integrated mount supports wall mount or 1U rack for server room mounting
- New microcontroller adds advanced capability
 - Telemetry to users and customer support
 - Power inputs / outputs
 - Ethernet metrics
 - Grid brownout
 - Temp, humidity, pressure
 - DC input resistive impedance monitoring
 - Connector water detection
 - LED fault reporting

