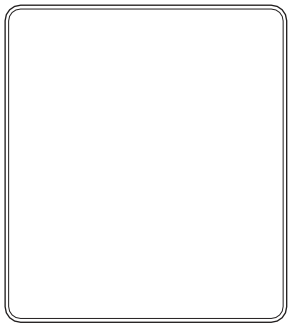
Starlink Flat High Performance

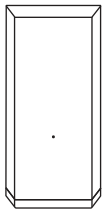
Designed for mobile applications and challenging environments.

Starlink's flat high-performance is designed for mobility application and challenging environments. With a wide field of view and enhanced GPS capabilities, it can connect to more satellites, allowing for consistent connectivity while on the go. The hardware is designed for a permanent installation and is more resilient to extreme environments.

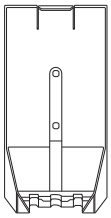
Starlink Flat High Performance Kit



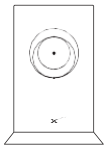
Dish



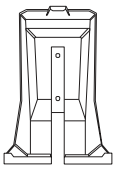
Power Supply



Power Supply Mount

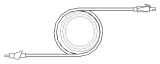


Router

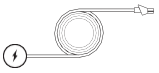


Router Mount

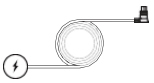
Starlink Cable
8m
(26 ft)



Ethernet Cable
5 m
(16.5 ft)



AC Cable (Power Supply)
1.8 m
(6 ft)



AC Cable (Router)
1.8 m
(6 ft)

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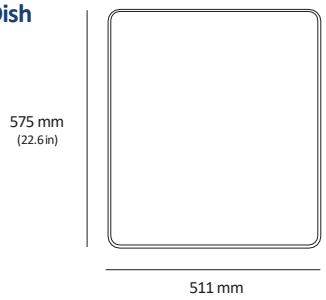
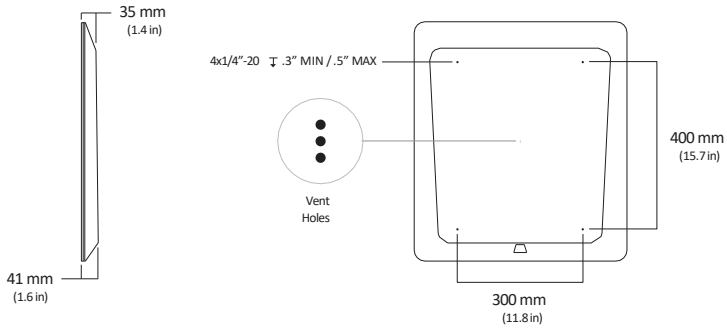
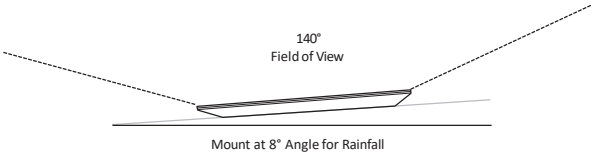
Starlink Flat High Performance

Starlink Flat High Performance Dish



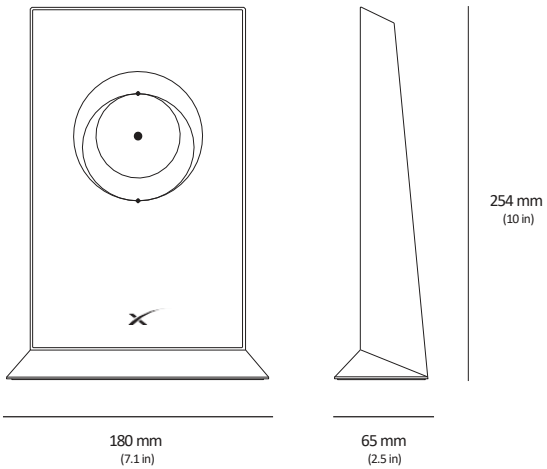


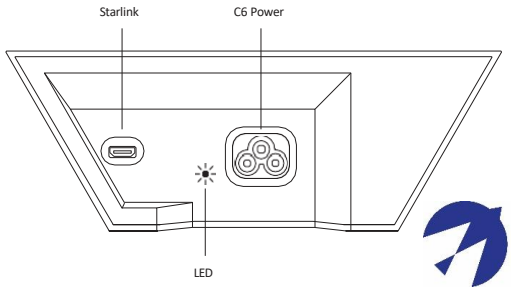
Antenna	**Electronic Phased Array**
Field of View	**140°**
Orientation	**Fixed**
Dish Weight	**5.9 kg / 13 lbs without Cable** **6.7 kg / 15 lbs with 8 m / 26.2 ft Cable**
Environmental Rating	**IP56**
Operating Temperature	**-30°C to 50°C (-22°F to 122°F)**
Wind Speed	**Survivable: 280 kph+ (174 mph+)**
Snow Melt Capability	**Up to 75 mm / hour (3 in / hour)**
Power Consumption	**Average: 110-150 W**
Wi-Fi	**Dual Band Wi-Fi 5 - 3x3 MIMO**
User LAN	**RJ45 Cable**



Starlink Flat High Performance Router

Wi-Fi Technology	**802.11ac Dual Band**
Generation	**Wi-Fi 5**
Radio	**Dual Band -3 x 3 MIMO**
Operating Temperature	**-30°C to 50°C (-22°F to 122°F)**
Weight	**1 kg (2.2 lbs)**
Security	**WPA2**
Range ***Varies on placement, interference, and materials**	**Up to 185 m² (2000 ft²)**
Environmental Rating	**IP54 - Configured for Indoor Use**
Power Indicator	**White LED | Base of Router**
Mesh Compatibility	**Compatible with up to 12 Starlink Nodes**
Devices	**Connect up to 128 devices**





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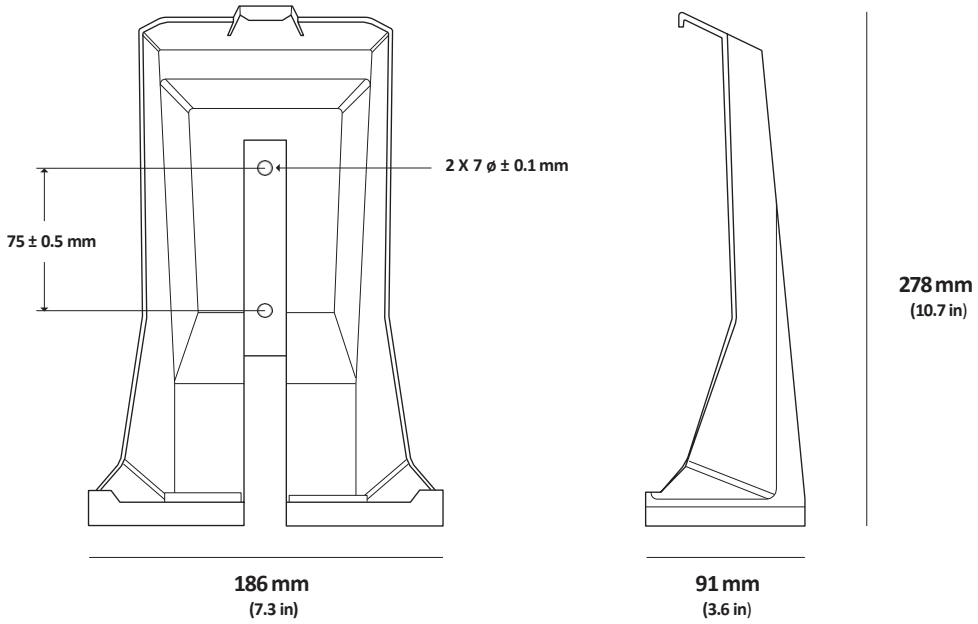
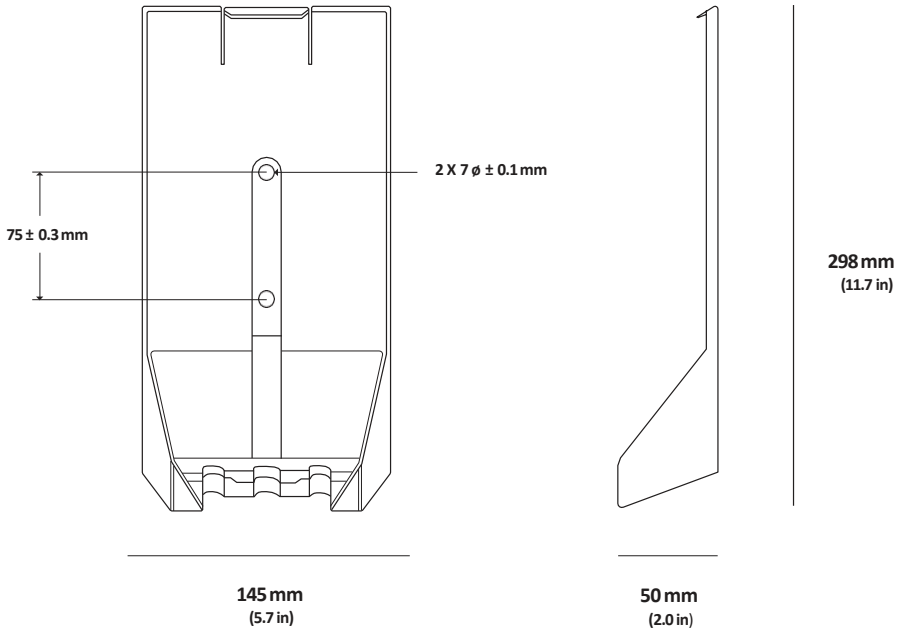
Starlink Flat High Performance Router Mount



Starlink Flat High Performance Power Supply Mount



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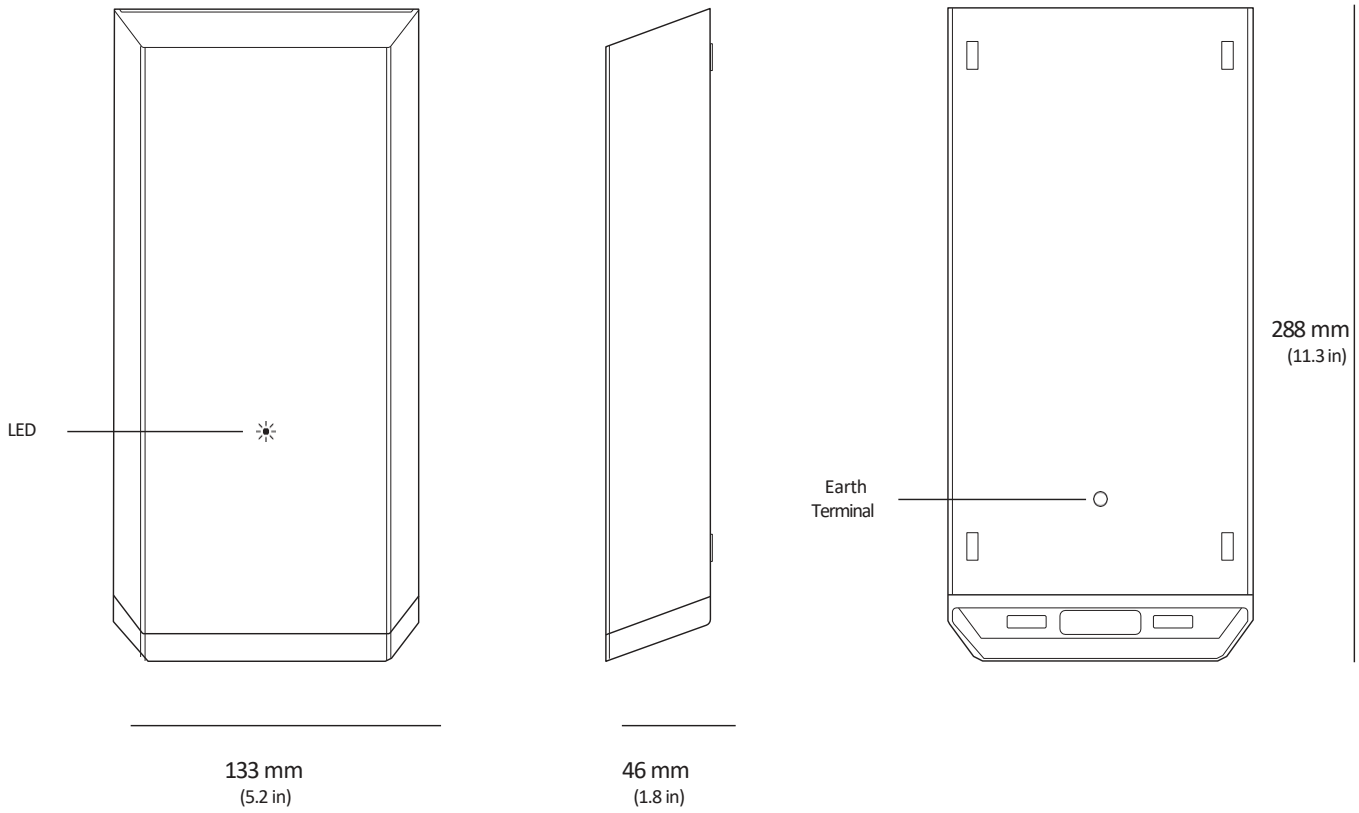
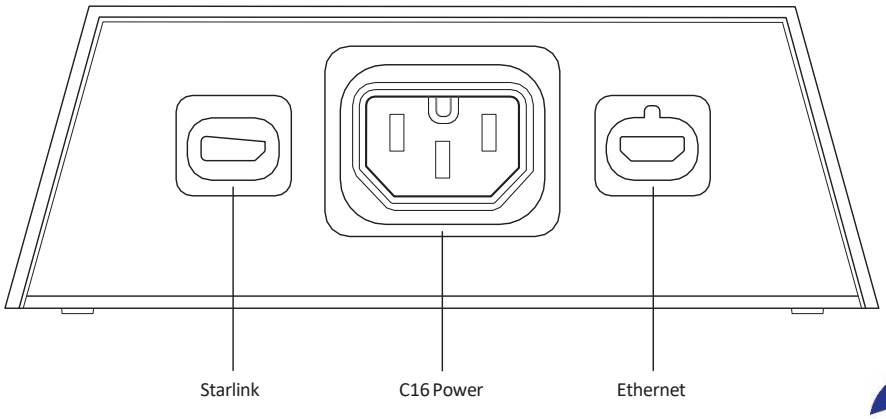
Starlink Flat High Performance

Starlink Flat High Performance Power Supply Unit

Environmental Rating	**IP56**
Operating Temperature	**-30°C to 50°C (-22 to 122°F)**
Weight	**1.5kg (3lbs)**
Grounding	**Dedicated Earth Terminal**
Power Specifications	**100-240V~ 6.3A 50 - 60 Hz**
Mounting	**Included Wall Mount**





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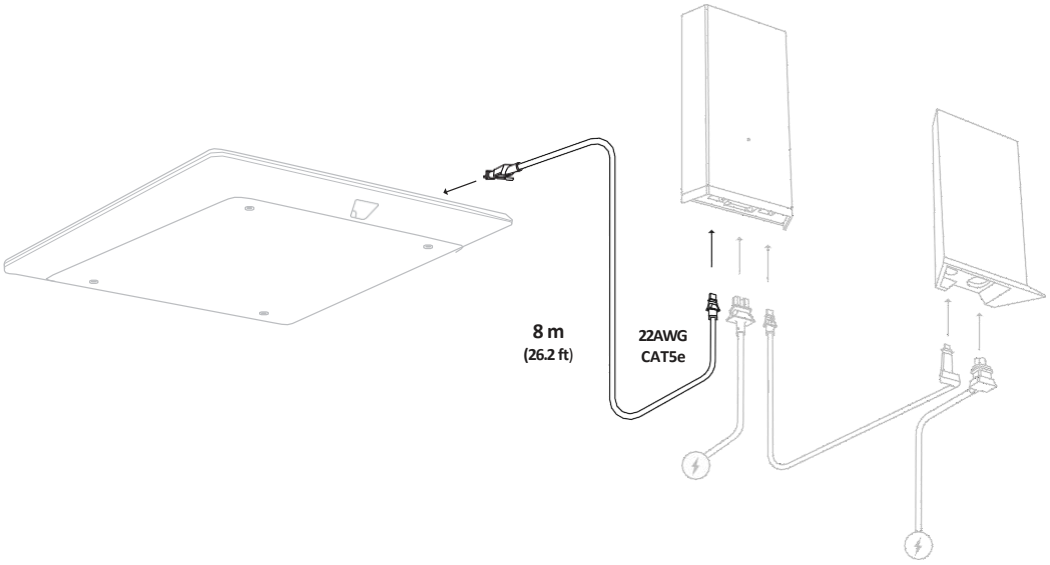
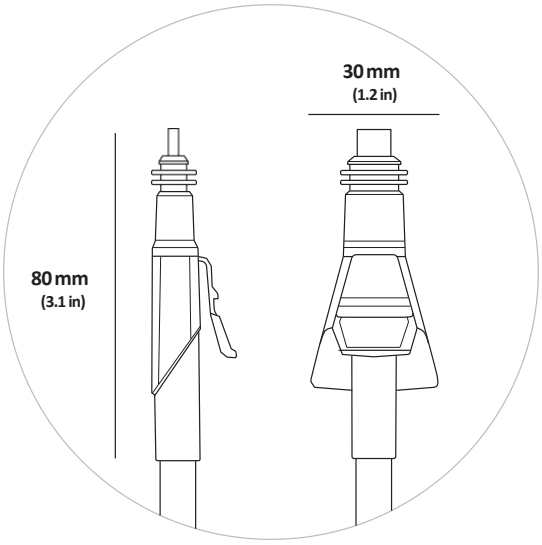
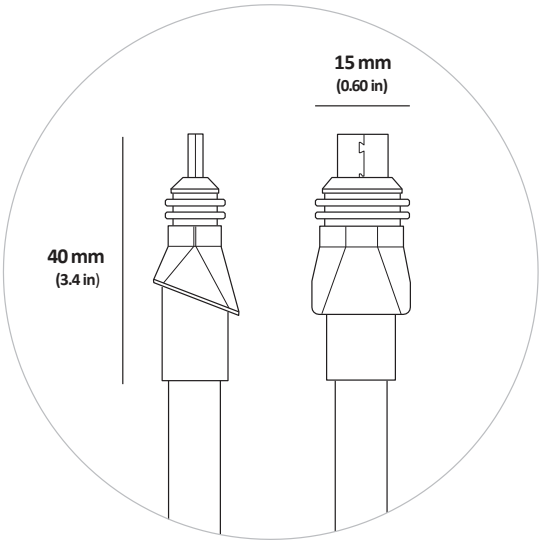
Starlink Flat High Performance

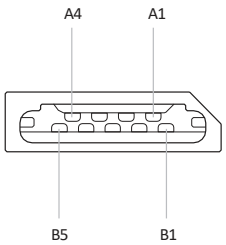
Starlink Flat High Performance Cable







End	Pin	Wire Color	Pin	End
	A1	Green	A1	
	A2	Yellow	A2	
	A3	Blue	A3	
	A4	White	A4	
Dish	B1	Orange	B1	Power Supply
	B2	Purple	B2	
	B3	Brown	B3	
	B4	Gray	B4	
	B5	Shield / Shell	B5	



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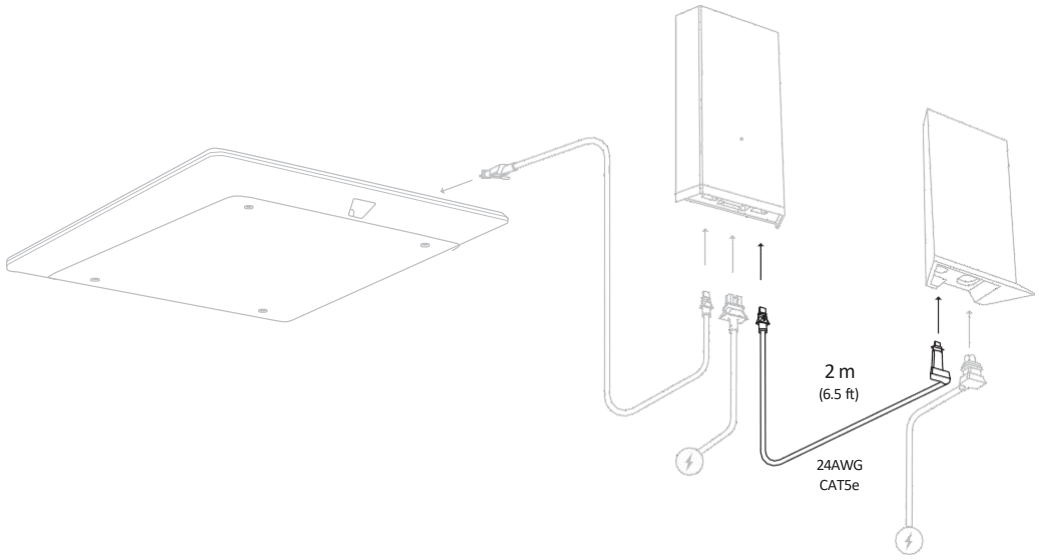
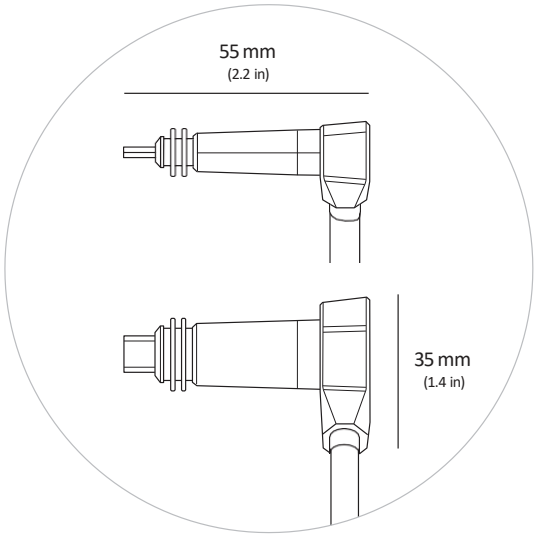
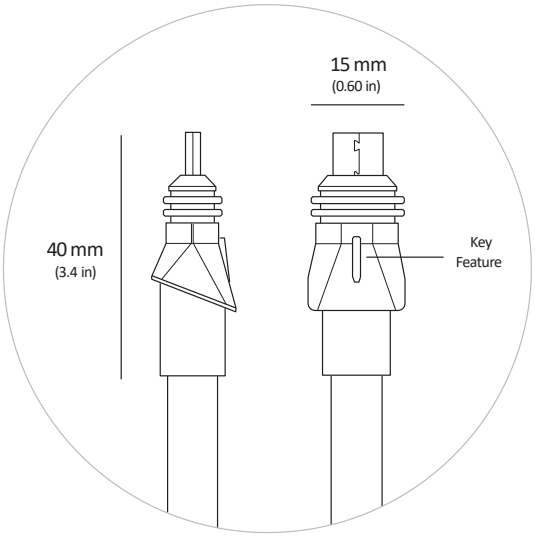
Starlink Flat High Performance

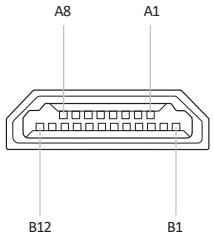
Starlink High Performance Router Cable







End	Pin	Ethernet Pin	Wire Color	Pin	End
	A1, A2	B+	Orange White	A1, A2	
	A3, A4	B-	Orange	A3, A4	
	A5, A6	A+	Green White	A5, A6	
	A7, A8	A-	Green	A7, A8	
	B1, B2	--	N / C	B1, B2	
	B3, B4	--	N / C	B3, B4	
Wi-Fi	B5	D+	Brown White	B5	Power Supply
	B6	D-	Brown	B6	
	B7	C-	Blue White	B7	
	B8	C+	Blue	B8	
	B9, B10	--	N / C	B9, B10	
	B11, B12	--	N / C	B11, B12	
	Shield Can		Drain Wire	Shell	



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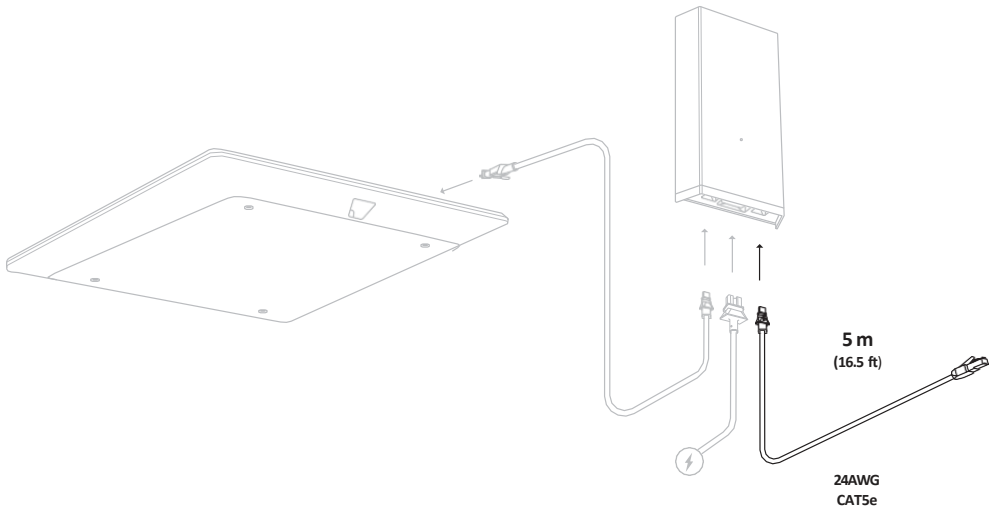
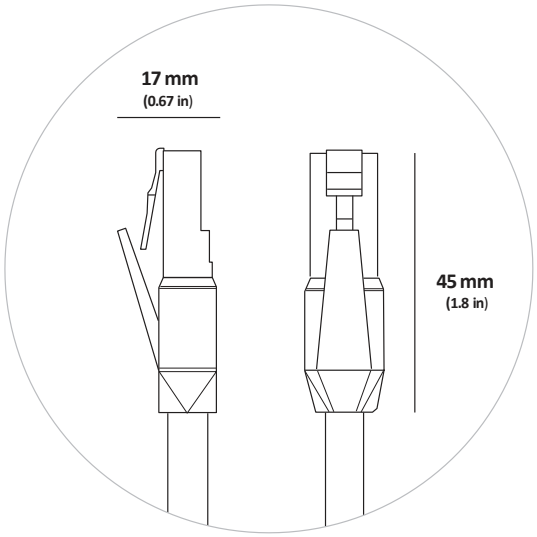
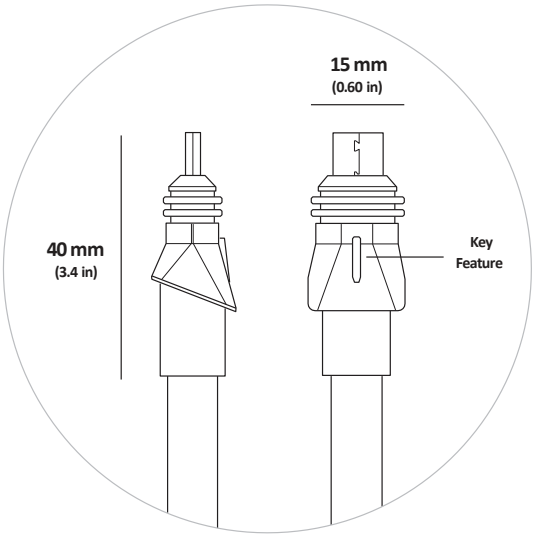
Starlink Flat High Performance

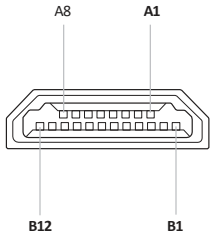
Starlink High Performance Ethernet Cable







End	Pin	Ethernet Pin	Wire Color	Pin	End
	A1, A2	B+	Orange White	A1, A2	
	A3, A4	B-	Orange	A3, A4	
	A5, A6	A+	Green White	A5, A6	
	A7, A8	A-	Green	A7, A8	
	B1, B2	--	N / C	B1, B2	
	B3, B4	--	N / C	B3, B4	
RJ45	B5	D+	Brown White	B5	Power Supply
	B6	D-	Brown	B6	
	B7	C-	Blue White	B7	
	B8	C+	Blue	B8	
	B9, B10	--	N / C	B9, B10	
	B11, B12	--	N / C	B11, B12	
	Shield Can		Drain Wire	Shell	



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