

# Powertec CAT6A Outdoor Network Cable, 25m Black

SKU: ACC-PT-00516

## Description

The Powertec CAT6A Outdoor Network Cable is a robust solution designed for high-performance Ethernet networking in challenging environments. With a length of 25 metres, this cable is ideal for setting up reliable network connections over extended distances in outdoor settings. Its F/UTP shielding ensures minimal interference, providing stable data transmission at high speeds, making it suitable for applications that require efficient and uninterrupted connectivity, such as outdoor security camera installations, remote data collection points, or outdoor event setups.

The cable's construction includes a waterproofing gel and UV-resistant, flame-retardant materials, making it highly durable against harsh weather conditions. It is also designed for direct burial, eliminating the need for additional protective conduits, which simplifies installation in outdoor settings. The inner conductor is made of stranded copper, offering flexibility and...

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## Physical Specification

Subtype:	Patch Cable	Length:	25 m
Weight:	786 g		

### Ethernet Connector

Interface	Powertec	Shielding	Pinout
RJ45 Copper	 <p>Powertec is a wireless technology manufacturer and systems integrator based in Australia. Operating since 1995, Powertec has grown to become the leading wireless technology distributor in its region, and a leading Infratech systems developer. Supporting over 1500 partners the company provides procurement, design, project management, and support services across Australia, New Zealand, Pacific ...</p>	Shielded	T568A
RJ45 Copper		Shielded	T568A

## Powertec C6AFUTP-CMXGEL Category-6a Outdoor Ethernet Cable

Ethernet Category: Cat6a Min. Operating Temperature: -20 °C

Shielding: F/UTP Max. Operating Temperature: 75 °C

Colour: Black

Environmental Suitability: Direct Burial  
Flame Retardant  
Outdoor Use  
UV-Resistant

#### Cable Layers

Layer	Diameter	Materials	Notes
Waterproofing Gel			
Inner Conductor	0.51 mm	Stranded Copper	8x 23AWG Bare Copper
Conductor Insulation	1.05 mm	Polyethylene (PE)	
Cross-Web Separator			
Ground Wire		Solid Copper	1x 26AWG Messenger Wire
Shielding		Aluminium Foil	
Outer Jacket	6.80 mm	Polyvinyl Chloride (PVC)	

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