Powertec Wireless Technology
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Powertec CAT6A Outdoor Network Cable, 10m Black

SKU
ACC-PT-00515

Description

The Powertec CAT6A Outdoor Network Cable is a robust, high-performance solution designed for reliable data transmission in challenging environments. With

a length of 10 metres, this black patch cable is ideal for connecting network devices over longer distances outdoors. It supports Cat6A Ethernet standards, facilitating high-speed data transfer up to 10 Gbps, making it suitable for demanding applications such as high-definition video streaming, large data file transfers, and complex network setups.

Engineered for durability, the cable features F/UTP shielding, which includes an aluminium foil layer to minimise electromagnetic interference, ensuring consistent signal quality. The cable is particularly suited for outdoor deployment due to its UV-resistant and flame-retardant outer jacket, constructed from polyvinyl chloride, which protects the internal structure against harsh weather conditions. Its direct burial capability allows for...

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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 ...

Physical Specification

Subtype
Patch Cable
Weight
341 g
Length
10 m
Ethernet Connector

Interface	Shielding	Pinout
RJ45 Copper	Shielded	T568A
RJ45 Copper	Shielded	T568A

Powertec C6AFUTP-CMXGEL Category-6a Outdoor Ethernet Cable

Ethernet Category
Cat6a
Shielding
F/UTP

Colour
Black
Environmental Suitability
Direct Burial
Flame Retardant
Outdoor Use
UV-Resistant
Min. Operating Temperature
-20 °C
Max. Operating Temperature
75 °C
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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