ComX Computers
Product Specification Sheet

NW102-80833

UGreen RJ45 CAT6 1m LAN Network cable - Green

Product Overview

UGreen RJ45 CAT6 1m LAN Network cable - Green, 1Gbps, 250MHz, copper-coated Aluminium (CCA) conductor material, 26 AWG Wire Gauge







Specifications

Overview Summary:

Upgrade your wired network connection with the UGREEN CAT6 1m RJ45 LAN Cable. Designed for stable Gigabit Ethernet performance, this high-speed network cable supports up to 1Gbps transfer speeds with 250MHz bandwidth for smooth streaming, gaming, browsing, and file transfers. Its durable PVC outer layer and reliable RJ45 connectors make it ideal for home offices, gaming setups, routers, switches, and smart devices.

The compact 1m length helps reduce cable clutter while maintaining a clean and organised setup. Compatible with a wide range of Ethernet-enabled devices, this CAT6 cable delivers dependable connectivity for everyday networking needs. Buy now and enjoy stable wired internet performance for work, entertainment, and gaming. Shop now for a reliable UGREEN networking solution trusted for consistent connectivity.

Performance tier: Entry-Level Gigabit Networking

Uses: Home networking, office networking, gaming setups, router connections, PC networking, smart TV connectivity, file transfers, streaming, console gaming

Overview:

Reliable CAT6 Gigabit Ethernet Cable for Home and Office Networking
Enjoy stable and high-speed wired connectivity with the UGREEN RJ45 CAT6 1m LAN Network Cable. Designed for dependable everyday networking, this compact CAT6 cable supports Gigabit Ethernet speeds of up to 1000 Mbps, making it ideal for streaming, gaming, video conferencing, and fast file transfers. The 250MHz bandwidth helps maintain consistent network performance while reducing lag and interruptions across connected devices.

Its durable construction and universal RJ45 compatibility make it suitable for home offices, entertainment setups, gaming stations, and professional network environments. The 1m cable length also helps minimise cable clutter while maintaining a clean and organised workspace.

Description:

The UGREEN CAT6 1m LAN Cable delivers fast and stable wired network performance for PCs, routers, gaming consoles, smart TVs, switches, and other Ethernet-enabled devices. Built with copper-coated aluminium conductors and a durable PVC outer layer, it offers reliable signal transmission with reduced interference and crosstalk. Supporting Gigabit Ethernet speeds up to 1Gbps and a transmission frequency of 250MHz, this network cable is well suited for streaming, online gaming, cloud access, and office networking applications.

Features:

Designed for Stable Gigabit Performance
Built to support modern networking demands, this UGREEN CAT6 Ethernet cable ensures smooth and uninterrupted connectivity for both work and entertainment. Whether transferring large files, streaming 4K content, or participating in competitive online gaming, the cable maintains stable throughput with minimal signal degradation.

The U/UTP twisted pair design assists in reducing electromagnetic interference and crosstalk, helping maintain reliable data transmission across connected devices.

Key networking advantages include:

- Up to 1000 Mbps Gigabit Ethernet speed
- 250MHz transmission bandwidth for improved stability
- RJ45 to RJ45 compatibility for broad device support
- Reduced interference for cleaner signal quality
- Ideal 1m length for tidy desk and router setups

Durable Construction for Everyday Use
The cable is manufactured using 26 AWG copper-coated aluminium conductors combined with HDPE insulation and a flexible PVC outer sheath. This combination provides durability while maintaining dependable connectivity in daily use environments.

The RJ45 connectors are engineered for repeated plugging and unplugging, supporting up to 750 insertion and removal cycles. This makes the cable suitable for users who frequently change or upgrade networking equipment.

Part number NW102-80833 is ideal for users looking for a compact CAT6 LAN cable solution with dependable Gigabit networking performance.

Wide Compatibility Across Ethernet Devices
This CAT6 network cable works with a wide variety of Ethernet-enabled hardware, making it a versatile addition to almost any wired network setup.

Compatible devices include:

- Desktop PCs and laptops
- Routers and modems
- Network switches
- Gaming consoles
- Smart TVs
- NAS devices
- Streaming devices
- Other RJ45 Ethernet hardware

Technical Details
Important specifications at a glance:

- Cable Category: CAT6
- Cable Type: U/UTP Unshielded Twisted Pair
- Data Transfer Speed: Up to 1000 Mbps
- Maximum Frequency: 250MHz
- Connector Type: RJ45 to RJ45
- Conductor Material: Copper-Coated Aluminium (CCA)
- Wire Gauge: 26 AWG
- Outer Sheath: PVC
- Insulation Material: HDPE
- Cable Length: 1 metre
- Connector Durability: Up to 750 cycles
- Operating Temperature: 0 degrees C to 45 degrees C
- Storage Temperature: -15 degrees C to 70 degrees C

Compact Cable Management Solution
The 1m cable length is especially useful for shorter distance networking applications where excess cable can become untidy. It is well suited for connecting nearby routers, switches, gaming consoles, and desktop PCs without unnecessary cable clutter.

Its flexible yet durable construction also makes installation simple in home offices, entertainment centres, and workstation environments.

Package Contents
Inside the box:

- UGREEN RJ45 CAT6 1m LAN Network Cable x1

Why Choose UGREEN Networking Products
UGREEN is known for producing reliable networking and connectivity accessories designed for consistent daily performance. From Ethernet cables to charging and data solutions, the brand focuses on dependable connectivity, durable construction, and broad compatibility for modern digital environments.

Specifications:

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Specifications	
Product Code	NW102-80833

Data Transfer Speed	Up to 1000 Mbps (1 Gbps)
Product Type	CAT6 U/UTP LAN Cable
Data Transfer Speed	Up to 1000 Mbps (1 Gbps)
Maximum Ethernet Speed	Gigabit Ethernet (1000 Mbps)
Maximum Transmission Frequency	250 MHz
Cable Category	CAT6
Connector Type	RJ45 to RJ45
Shielding Type	U/UTP (4 Unshielded Twisted Pairs)
Conductor Material	Copper-Coated Aluminium (CCA)
Wire Gauge	26 AWG
Connector Durability	Up to 750 insertion/removal cycles
Signal Performance	Reduced interference and crosstalk
Outer Sheath Material	PVC
Insulation Material	HDPE
Compatibility	Compatible with PCs, routers, network switches, gaming consoles and Ethernet-enabled devices
Operating Temperature	0degreesC to 45degreesC
Storage Temperature	-15degreesC to 70degreesC
Compliance	RoHS 2.0, REACH, SVHC, POPs, TSCA and China RoHS compliant
Cable Length	1m
Dimensions	Approx. 0.60 cm cable diameter

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page:
https://www.comx-computers.co.za/NW102-80833-UGreen-RJ45-CAT6-1m-LAN-Network-cable-Green-p-337627.php

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