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Product Specification Sheet

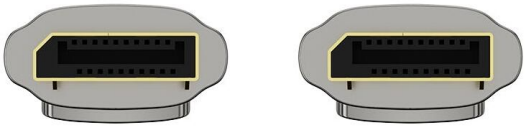
CAB-DP-FIB-OPT-30M-U

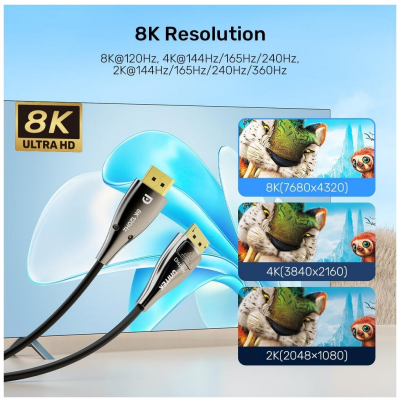
Unitek 30m DisplayPort 2.1 Fibre Optic cable

Product Overview

Unitek 30m DisplayPort 2.1 Fibre Optic cable, C1631A-30M, 8K@120Hz Max Output Resolution, DisplayPort to DisplayPort cable Type, Zinc Alloy material











Specifications

Overview Summary:

The Unitek 30m DisplayPort 2.1 Fibre Optic Cable is designed for reliable long-distance video transmission without signal loss. Supporting up to 8K at 120Hz, 4K at 240Hz and 54Gbps bandwidth, it is ideal for gaming setups, professional AV installations and high-resolution workstations. Its fibre optic core, gold-plated zinc alloy connectors and secure locking latch provide dependable performance over extended distances. Buy now for a premium DisplayPort connection that delivers consistent image quality.

Built for plug-and-play convenience, this unidirectional DisplayPort to DisplayPort cable is compatible with DisplayPort 2.1 devices and remains backward compatible with DisplayPort 1.4 and 1.2 equipment. Whether upgrading a gaming PC, workstation or display installation, shop now for a durable cable engineered for demanding applications.

Performance tier: Premium

Uses: Gaming PCs, high-resolution monitors, professional AV installations, digital signage, workstations, projectors, large display connections

Overview:

UNITEK 30m DisplayPort 2.1 Fibre Optic Cable for 8K High Refresh Rate Displays
The UNITEK 30m DisplayPort 2.1 Fibre Optic Cable C1631A-30M is designed for users who need reliable long-distance video transmission without compromising image quality. Supporting up to 8K resolution at 120Hz with 54Gbps bandwidth, this cable is ideal for gaming setups, professional AV environments, VR applications, and high-performance display systems.

Built with advanced fibre optic technology, the cable delivers stable and lossless signal transmission across extended distances up to 30 metres. The durable zinc alloy connectors, gold-plated contacts, secure locking latch, and triple shielding provide dependable performance while reducing signal interference. The part number / SKU for this model is CAB-DP-FIB-OPT-30M-U.

Description:

The UNITEK 8K DisplayPort 2.1 Fibre Optic Cable provides ultra-high-speed video connectivity for modern gaming monitors, graphics cards, TVs, and professional displays. With support for 8K@120Hz, 4K@240Hz, and 2K@360Hz resolutions, it delivers smooth visuals, high refresh rates, and excellent colour performance. The fibre optic core ensures consistent transmission over long distances, while features such as HDR support, DSC 1.2a compatibility, FreeSync, G-Sync, and HDCP support make it suitable for demanding gaming and multimedia applications.

Features:

High Performance DisplayPort 2.1 Cable for Gaming and AV
The UNITEK C1631ABK01-30M DisplayPort cable supports uncompressed high-resolution video with 54Gbps bandwidth, making it suitable for high-end graphics cards and high refresh rate monitors. Whether used for competitive gaming, content creation, simulation systems, or home entertainment, it provides smooth and detailed visuals with minimal signal loss.

Key performance capabilities include:

- Supports 8K@120Hz, 4K@144Hz/165Hz/240Hz, and 2K@144Hz/165Hz/240Hz/360Hz
- 54Gbps high-speed bandwidth for demanding video applications
- Supports DSC 1.2a, HDCP 2.2/2.3, and dynamic HDR

- Compatible with FreeSync and G-Sync gaming technologies

Advanced Fibre Optic Technology for Long Distance Use
Unlike standard copper DisplayPort cables, this fibre optic design maintains signal quality over extended cable lengths. The optical core provides low-loss, high-bandwidth transmission, allowing stable performance at distances up to 30 metres without the degradation commonly associated with longer cables.

This makes the cable a practical choice for large gaming rooms, conference installations, professional workstations, and AV setups where the display device is positioned far from the source.

Reliable Construction with Enhanced Protection
The UNITEK DisplayPort 2.1 Fibre Optic Cable features a strong zinc alloy connector housing with gold-plated contacts for improved durability and reliable connections. The integrated locking latch helps keep the cable securely connected and prevents accidental disconnection caused by movement or cable pulling.

The cable construction includes:

- Triple shielding design to reduce electromagnetic interference
- 30AWG tinned copper conductors for stable power and signal transmission
- Zinc alloy connectors for improved durability
- Secure latch mechanism for a firm DisplayPort connection

Smooth Gaming Experience with Adaptive Sync Support
Designed for modern gaming systems, this DisplayPort 2.1 cable supports AMD FreeSync and NVIDIA G-Sync technologies. These features help reduce screen tearing, flickering, and motion blur by synchronising the display refresh rate with the graphics card output.

Combined with high refresh rate support and wide bandwidth, it allows gamers to experience smoother gameplay and responsive visuals.

Wide Compatibility with DisplayPort Devices
The UNITEK 8K Fibre Optic DisplayPort cable works with a wide range of devices equipped with DisplayPort connections, including desktop PCs, laptops, graphics cards, gaming monitors, projectors, and professional displays.

It is backward compatible with DisplayPort 1.4 and DisplayPort 1.2 devices, making it suitable for upgrading existing setups while maintaining compatibility with older equipment.

Plug and Play Directional Design
This DisplayPort 2.1 fibre optic cable uses a unidirectional transmission design and does not require drivers, software, or adapters. For correct operation, connect the "Source" end to the output device such as a PC, laptop, or graphics card, and connect the "Display" end to the monitor, TV, or projector.

Correct installation ensures stable signal delivery and maximum performance.

Technical Highlights

- Model: UNITEK C1631A-30M
- Part Number / SKU: CAB-DP-FIB-OPT-30M-U
- Cable Type: DisplayPort to DisplayPort Fibre Optic Cable
- DisplayPort Version: DP 2.1
- Maximum Resolution: 8K@120Hz
- Bandwidth: 54Gbps
- Cable Length: 30 metres

- Connector Material: Zinc Alloy
- Signal Type: Fibre optic transmission
- HDR, DSC 1.2a, HDCP 2.2/2.3, FreeSync, G-Sync support
- Compatibility: DisplayPort 2.1, DP 1.4, DP 1.2 devices

Performance tier: Premium high-speed DisplayPort 2.1 fibre optic cable for professional displays, high-end gaming systems, and long-distance 8K video transmission.

Uses: Gaming monitors, esports setups, VR systems, professional video editing stations, conference rooms, digital signage, home theatre systems, and high-resolution display installations.

Specifications:

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Specifications	
Product Code	CAB-DP-FIB-OPT-30M-U
Max Output Resolution	8K@120Hz/ 4K@240Hz/ 2K@360Hz
DisplayPort	2
Cable Length	10M / 20M / 30M
Cable Type	DisplayPort to DisplayPort
Dimensions	50.7mm x 22.5mm x 11.5mm
Material	Zinc Alloy
Colour	Black
What's In the Box	1 x 8K Fiber Optic DisplayPort 2.1 cable

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/CAB-DP-FIB-OPT-30M-U-Unitek-30m-DisplayPort-2-1-Fibre-Optic-cable-p-338443.php

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