



Prokord DP2DP50-OPT-LSZH

Data sheet

Core Specs

Cable length	50 m
Connector 1	DisplayPort
Connector 2	DisplayPort
Product colour	Black
DisplayPort version	1.4

Summary

- ✓ 50m fibre optic cable delivers 8K video at 7680x4320, 30Hz
- ✓ DP 1.4 with HDR and HDCP ensures vibrant, protected content
- ✓ MST support lets you drive multiple displays from one output
- ✓ Gold plated contacts and aluminium foil shielding cut interference
- ✓ LSZH jacket plus EPEAT Gold, ENERGY STAR and RoHS enable safer installs

Product description

Why choose this cable?

Prokord Cable DP - DP Active Optical Cable (AOC) 8K 50.0M Black gives you reliable long-distance DisplayPort connectivity with minimal signal loss. It combines fibre optic signal lines and copper for power to deliver high-resolution, HDR content across long runs while keeping a slim, low-smoke zero halogen jacket for safer indoor installations.

Cable DP - DP Active Optical Cable (AOC) 8K 50.0M Black in short:

- 50 m active optical DisplayPort 1.4 cable for long runs such as digital signage, auditoriums, and conference rooms.
- Supports up to 7680 x 4320 with HDR and MST, and maintains HDCP compatibility for protected content.
- LSZH jacket and aluminium foil shielding for safer indoor use and reduced electromagnetic interference.
- Gold-plated, male DisplayPort connectors that are clearly marked for correct source-to-display orientation.
- Purchase note: maximum refresh rate at 8K is 30 Hz, so this cable is not suited for high-frame-rate gaming at 8K.

Product details

This Prokord AOC carries high-resolution DisplayPort 1.4 signals over fibre for long-distance runs while using copper conductors for power. The cable is designed for installations where image quality and consistent connectivity matter, for example multi-screen displays and AV installations. Connectors are straight, gold plated, and marked to indicate the source end, which simplifies setup. The low-smoke zero halogen jacket and environmental certifications support safer, compliant deployments in public and corporate spaces.

Technical Specification Matrix

Header

Manufacturer	Prokord
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Features

Cable length	50 m
Connector 1	DisplayPort
Connector 1 gender	Male
Connector 1 form factor	Straight
Connector 2	DisplayPort
Connector 2 gender	Male
Connector 2 form factor	Straight
Product colour	Black

Maximum resolution	7680 x 4320 pixels
Supported graphics resolutions	7860 x 4320
Connector contacts plating	Gold plated
Supported video modes	3840p
DisplayPort version	1.4
Cable material	Fibre optic/Copper
Maximum refresh rate	30 Hz
HDCP	Yes
Data transfer rate	8.1 Gbit/s
Cable shielding	Aluminium foil
Jacket material	LSZH
AWG wire size	signal (30AWG+28AWG)+Power:24AWG
High Dynamic Range (HDR) supported	Yes
Multi-Stream Transport (MST)	Yes

Sustainability

Sustainability certificates	ENERGY STAR 8.0, EPEAT Gold, REACH, RoHS
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Packaging data

Cable diameter	4.8 mm
Weight	1317 g
Quantity per pack	1 pc(s)
Package type	Bag