



Prokord DP2DP15-OPT-LSZH

Data sheet

Core Specs

Cable length	15 m
Connector 1	DisplayPort
Connector 2	DisplayPort
Product colour	Black
DisplayPort version	1.4

Summary

- ✓ 15m fibre optic cable delivers 8K 7680x4320 at 30Hz for distant displays
- ✓ DP 1.4 support with HDR and HDCP ensures true colour and protected content
- ✓ Fibre optic core and copper power wires cut signal loss, keep image stable
- ✓ LSZH jacket and aluminium foil shielding meet safer, low-smoke installations
- ✓ Gold-plated DP plugs, directional labels and 4.8mm diameter for neat installs

Product description

Why choose this DisplayPort cable?

Prokord DP Active Optical Cable (AOC) 8K delivers long-reach DisplayPort 1.4 connectivity in a single, thin cable. It makes it easier to run high-resolution video over 15 m with HDR and HDCP support, reducing the need for repeaters and bulky copper bundles. You get stable image quality and a tidy, safer installation thanks to the LSZH jacket.

Prokord DP Active Optical Cable (AOC) 8K in short:

- 15 m active optical DisplayPort 1.4 cable, suited for long runs between source and display.
- Supports up to 8K (7680 x 4320) at 30 Hz with HDR and HDCP for high-resolution content and protected playback.
- Fibre optic core with copper conductors keeps the cable thin and light, while maintaining signal integrity and connector power.
- LSZH jacket and 4.8 mm diameter make routing easier in public or enclosed spaces and reduce smoke and halogen risks.
- Note: Maximum refresh rate at 8K is 30 Hz, so consider this if you need higher frame rates for high-motion applications.

Product details

Prokord DP Active Optical Cable (AOC) 8K carries DisplayPort signals over a hybrid fibre optic and copper construction to preserve quality across 15 m. The cable supports multi-stream transport, so you can daisy-chain compatible displays, and gold-plated contacts with aluminium foil shielding help maintain reliable connections. Connectors are male to male and are clearly marked for source direction, which simplifies installation. The cable ships in a simple bag and weighs 447 g.

Technical Specification Matrix

Header

Manufacturer	Prokord
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Features

Cable length	15 m
Connector 1	DisplayPort
Connector 1 gender	Male
Connector 2	DisplayPort
Connector 2 gender	Male
Product colour	Black
Maximum resolution	7680 x 4320 pixels

Supported graphics resolutions	7680 x 4320 (8K)
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	30AWG+28AWG+24AWG
High Dynamic Range (HDR) supported	Yes
Multi-Stream Transport (MST)	Yes

Packaging data

Cable diameter	4.8 mm
Weight	447 g
Quantity per pack	1 pc(s)
Package type	Bag