



Prokord DP2DP10-OPT-LSZH

Data sheet

Core Specs

Cable length	10 m
Connector 1	DisplayPort
Connector 2	DisplayPort
Product colour	Black
DisplayPort version	1.4

Summary

- ✓ 10m fibre optical cable delivers 8K 7680x4320 at 30Hz for long runs
- ✓ DP 1.4 with HDR, HDCP and MST for protected multi display video
- ✓ Active fibre and copper design maintains signal integrity over long runs
- ✓ Slim 4.8mm LSZH jacket simplifies neat, safe installations
- ✓ Gold plated contacts and aluminium shielding improve connection reliability

Product description

Why choose this DisplayPort cable?

Prokord DP Active Optical Cable (AOC) 8K delivers long-reach, high-resolution video with reduced signal loss and stable performance. It helps you link source devices to distant displays with HDR and HDCP compatibility, while the LSZH jacket and lightweight fibre design make installation safer and easier in meeting rooms, digital signage and AV distribution setups.

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

- 10 m DisplayPort 1.4 active optical cable, suited for connecting a remote computer or media player to an 8K display at 30 Hz.
- Fibre optic core with copper power conductors keeps the cable thin and light for neat cable runs and easier ceiling or wall routing.
- Supports HDR, HDCP and MST, so you can play protected content and daisy-chain displays where supported.
- Male DisplayPort connectors with gold-plated contacts and aluminium foil shielding for reliable contact and reduced interference.
- Note: maximum 8K refresh rate is 30 Hz, so choose a different solution if you need higher frame rates at 8K.

What this cable does

Prokord DP Active Optical Cable (AOC) 8K combines a fibre optic signal path with copper power and control wires to maintain high-bandwidth video over a 10 m run. The cable supports DisplayPort 1.4 features such as HDR and multi-stream transport, and it meets HDCP requirements for protected content. The low smoke zero halogen jacket and 4.8 mm diameter make the cable suitable for professional AV installations where space and safety matter. The connectors are clearly marked for source direction, and the package contains one cable in a protective bag.

Technical Specification Matrix

Header

Manufacturer	Prokord
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Features

Cable length	10 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	signal (30AWG+28AWG)+Power:24AWG
High Dynamic Range (HDR) supported	Yes
Multi-Stream Transport (MST)	Yes

Packaging data

Cable diameter	4.8 mm
Weight	320 g
Quantity per pack	1 pc(s)
Package type	Bag