



Prokord DP2DP30-OPT-LSZH

Data sheet

Core Specs

Cable length	30 m
Connector 1	DisplayPort
Connector 2	DisplayPort
Product colour	Black
DisplayPort version	1.4

Summary

- ✓ 30m active cable delivers 8K video at 30Hz across long runs
- ✓ DisplayPort 1.4 and HDCP support HDR and secure content playback
- ✓ Fibre optic core with copper pairs keeps signal stable over 30m
- ✓ LSZH jacket and aluminium shielding lower smoke and EMI exposure
- ✓ Gold plated contacts and clear source marking simplify setup

Product description

Why choose this cable?

Prokord DP - DP Active Optical Cable (AOC) 8K 30.0M Black provides long-range DisplayPort 1.4 connectivity for installations that need high-resolution video over distance. It carries HDR and HDCP-protected content up to 7680 x 4320 at 30 Hz while maintaining a slim, low-smoke zero halogen jacket suitable for public and commercial spaces.

Cable DP - DP Active Optical Cable (AOC) 8K 30.0M Black in short:

- 30 m active optical DisplayPort 1.4 cable, suited for digital signage, meeting rooms, control rooms and AV racks.
- Supports up to 7680 x 4320 (8K) at 30 Hz with HDR and HDCP for playback of protected, high-dynamic-range content.
- Directional cable with straight, male DisplayPort connectors, clear source/display markings and gold-plated contacts for reliable connections.
- Fibre optic/copper construction with aluminium foil shielding and LSZH jacket, 4.8 mm diameter for neat routing in installations.
- Includes Multi-Stream Transport (MST) support and an 8.1 Gbit/s data rate; you should ensure correct orientation when connecting.

Main features

This active optical cable uses fibre for the video signal and copper for power and auxiliary channels, keeping signal loss low over 30 m. DisplayPort 1.4 support includes Multi-Stream Transport for daisy-chaining compatible displays, while HDR and HDCP support preserve protected content. Connectors are straight male DisplayPort with gold-plated contacts and clear source labels. For reliable operation, connect the end marked "Source" to your graphics output.

Technical Specification Matrix

Header

Manufacturer	Prokord
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Features

Cable length	30 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	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

Weight	825 g
Cable diameter	4.8 mm
Package type	Bag
Quantity per pack	1 pc(s)