



Prokord DP2DP20-OPT-LSZH

Data sheet

Core Specs

Cable length	20 m
Connector 1	DisplayPort
Connector 2	DisplayPort
Product colour	Black
DisplayPort version	1.4

Summary

- ✓ 8K 7680 x 4320 at 30Hz supports high resolution HDR content
- ✓ 20m active fibre optic design delivers long, stable signal runs
- ✓ LSZH jacket and aluminium foil shield suit office and meeting rooms
- ✓ Gold plated DisplayPort contacts reduce connection issues over time
- ✓ Supports HDCP and MST for protected content and multi display setups

Product description

Why choose this DisplayPort cable?

Prokord Cable DP - DP Active Optical Cable (AOC) 8K 20.0M Black gives you reliable long-distance DisplayPort 1.4 connectivity with minimal signal loss. It is suited to AV installations, digital signage and remote workstations where you need 8K resolution, HDR support and a safer cable jacket for public or commercial buildings.

Cable DP - DP Active Optical Cable (AOC) 8K 20.0M Black in short:

- 20 m active optical DisplayPort cable, ideal for long runs in meeting rooms, control centres and digital signage.
- Supports up to 7680 x 4320 (8K) at 30 Hz with HDR and HDCP, suitable for high-resolution displays where 30 Hz is acceptable.
- Fibre optic core with copper conductors and aluminium foil shielding for stable, low-loss transmission over distance.
- Black LSZH jacket and slim 4.8 mm diameter for safer installations and discreet cable routing.
- Connectors are gold plated, straight male to male and clearly labelled for source and display; check the 30 Hz refresh limitation for 8K workflows.

Product details

This cable combines fibre optic and copper conductors to maintain signal integrity over a 20 metre run while keeping a slim profile for easy routing. It follows DisplayPort 1.4 signalling, supports Multi-Stream Transport for daisy-chaining, and is HDCP compliant for protected content. The LSZH jacket reduces toxic fumes in confined spaces, and gold-plated contacts with aluminium foil shielding help ensure a stable connection. The cable ships as a single unit in a bag and is ready for professional AV and IT installations.

Technical Specification Matrix

Header

Manufacturer	Prokord
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Features

Cable length	20 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
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	575 g
Cable diameter	4.8 mm
Package type	Bag
Quantity per pack	1 pc(s)