AOC DP CABLES

20m - 30m AOC DisplayPort Cables

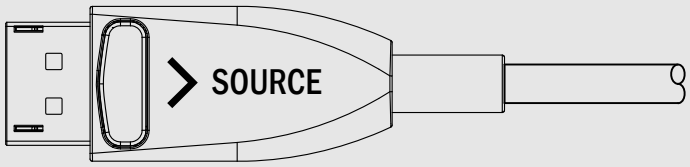
The NLDP-AOC range of cables use a combination of fibre optic and metal cores to transmit a DisplayPort signal beyond the usual limits of a passive cable. Due to its construction it can send the signal up to 20 metres without using additional boosters or extenders. The use of fibre optical cores also allows the cable to be thinner and lighter.

8K DisplayPort
Connect a DP monitor at resolutions up to:
- 8k @ 30Hz
- 4k @ 120Hz

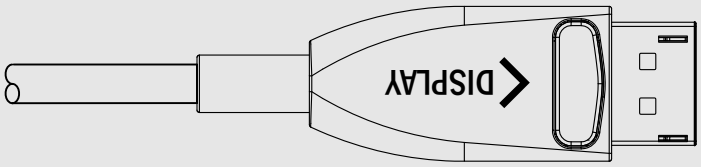
Active Optical Cable
AOC removes the copper conductors and replaces them with fibre optical cores and a small transmitter or receiver in the connectors. Copper cores still remain to carry power along the cable.



Connection Diagram



Connects to source equipment only:
Desktop, laptop etc..



Connects to display equipment only:
Monitor, TV etc..

Specification

- DisplayPort v1.4
- Bandwidth up to 32.4Gbps
- DisplayPort Compliance: HBR3, compatible with HBR2
- Bit Rate: Max YCbCr 4:2:2 10 Bit
- Supports: HDR, HPD and HDCP2.1
- Supports resolutions up to: 8K@30Hz & 4K@120Hz
- Highly resistant with EMI and RFI
- Zinc alloy shells
- No external power needed

CODE	DESCRIPTION
NLDP-AOC020	20m DisplayPort 1.4 Active Optical Cable – 8k @ 30Hz
NLDP-AOC025	25m DisplayPort 1.4 Active Optical Cable – 8k @ 30Hz
NLDP-AOC030	30m DisplayPort 1.4 Active Optical Cable – 8k @ 30Hz