



LENGTH	SKU
3 m	NC-Core-AOC-C-003
5 m	NC-Core-AOC-C-005
7,5 m	NC-Core-AOC-C-0075
10 m	NC-Core-AOC-C-010
15 m	NC-Core-AOC-C-015

Stable long-run USB-C for meeting rooms.

Hybrid active optical USB-C cable for professional installs. Handles USB 3.2 Gen1 data, USB 2.0 and 2-lane DP 1.4 Alt Mode video to reach up to 15 meters with stable signal quality.

KEY FEATURES

Key Features

- Hybrid AOC USB-C designed for BYOD video + data over distance
- 2-lane DisplayPort Alt Mode for up to 4K@60Hz video (device dependent)
- Simultaneous USB 3.0 / 3.2 Gen1 data alongside video
- Optical transmission ensures long-run signal stability and low noise
- Flexible, install-friendly cable with strong EMI resistance

GENERAL	
Cable Type	Hybrid Fiber + Copper
Available Lengths	3m, 5m, 7.5m, 10m, 15m
Interface	USB-C Male to USB-C Male
Plug & Play	Yes (No driver required)
VIDEO	
DP Standard	DP 1.4 (2-Lane)
DP Bandwidth	DP1.4: 8.1Gbps x2
Max Resolution	4K@60Hz
DATA	
USB Data Rate (USB3.0)	5Gbps
USB Data Rate (USB2.0)	480Mbps
Backward Compatibility	USB 2.0 / 1.1
POWER	
Power Delivery	60W (20V 3A)
Operating Voltage	5V~20V (Vconn)
Power Consumption	1100mW
MECHANICAL	
Cable OD	6.5±0.3mm
Cable Color	Black
Jacket Material	TPE
Filler Material	Kevlar
Min Bend Radius	65mm
Connector Pull Strength	15kg (150N)
Cable Pull Strength	20kg (200N)
ENVIRONMENT	
EMI Resistance	High
RFI Resistance	High
Operating Temp	0°C ~ 60°C
Storage Temp	-20°C ~ 70°C
Humidity	5% ~ 90%
PACKING	
Packaging Type	ESD Bag