Specification Sheet

USB3.2 Gen2 & DP1.4 Type-C Hybrid Active Optic Cable(AOC), 15m

Model No. WST-FUH002

Introduction

WST-FUH002 is a USB 3.2 Gen 2 and DisplayPort 1.4 Type-C hybrid extension cable designed for long-distance data and video transmission, delivering stable and high-performance connectivity. It supports data transfer rates of up to 10Gbps and is compatible with DisplayPort Alternate Mode and DP 1.4(4 lanes), enabling high-resolution video output up to 8K@60Hz and 4K@144Hz for a smooth and detailed visual experience. In addition, the product supports USB Power Delivery with power output of up to 40W (20V/2A), allowing integrated transmission of data, video, and power. It is ideal for use in conference rooms, professional AV installations, workstation extensions, and high-performance office environments.

Key Features

- Supports DisplayPort Alternate Mode with DP 1.4 (4-lane) configuration, delivering video resolutions up to 7680x4320@60Hz and 3840×2160@144Hz.

- Data transfer rates up to 10Gbps, Backward compatible with USB 2.0/1.1

- Plug and play without driver dependent

- Supports Power Delivery up to 40W(20V/2A)

- Thinner, lighter and softer than conventional copper cable

- Highly resistant to EMI and RFI

Specification Sheet

Package Contents

USB3.2 Gen2 & DP1.4 Type-C to Type-C Fibre Optic Hybrid Cable x 1

Specifications

Connector	
Connector A	USB Type-C Male
Connector B	USB Type-C Male
Connector Plating	Nickel Plated
Pin Plating	Gold Plated
Housing	
Housing Material	Metal
Size W x D x H	12.6 x 44..5 x 8mm
Cable Construction	
Jacket Material	PVC
Jacket Color	Black
Jacket Diameter	6.5mm
Conductor Material	5- core optical fiber + 12 copper wires
Technical Specifications	
Supported Bandwidth	10Gbps (USB 3.2 Gen 2), 32.4Gbps (DP 1.4, 4 lanes)
Supported Max Resolutions	7680x4320@60Hz and 3840×2160@144Hz
Power	PD 20V / 2A (40W)
Minimum Bend Radius	20mm
Lengths	15m
Chipset	Yes
Country of Origin	China
Environment	
Operating Temperature	0°C ~ 60°C
Storage Temperature	-10°C ~ 60°C
Package	
Package Style	Box
Barcode EAN	
Certification	
Safety & Emission	RoHS / REACH /CE / FCC