DisplayPort 1.4 Pure

Active Optical Cable

EPDPC04

Rev. 1.0

EverPro Technologies Company Ltd.

Contents

1   Description

EverPro's EPDPC04 product is DisplayPort 1.4 Pure active optical cable (AOC) with high bandwidth and low power consumption. Using optical fiber to replace copper wire as the high-speed signal transmission medium, EPDPC04 can perfectly transmit 8k@60hz UHD image up to 200 meters. Compared with the traditional copper wire, EPDPC04 AOC is much longer, softer, more slim, with better signal quality and perfect EMI/EMC feature. Compared with other DP optical fiber transmission solution, EPDPC04 AOC is easy to use, has perfect compatibility, and no external power supply needed.

2   Feature

1) Long distance transmission, up to 200 meters
2) DisplayPort 1.4 standard, support up to 8K@60hz display
3) lock on connector
4) Plug and play without driver dependent
5) Thinner, lighter and softer than conventional copper cable
6) Highly resistant with EMI and RFI
7) No external power needed

3 **Specification**

Cable Length

Up to 200m

Catalog	10m/20m/30m/40m/50m/100m/150m/200m

Interface

DP type A plug - DP type A plug, with lock on connector

Bandwidth

DisplayPort 1.4, 8.1Gbps x 4, support 8k@60hz display

Power

No external power needed

Power Consumption

390mW@3.3V

Mechanical / Condition

Connector Size	46.74mm * 22.15mm * 11mm
Cable Diameter	4.0mm
Cable Material	Compliant with LSZH
Bend Radius (Dynamic/Static)	80mm/40mm
Tensile Strength (Long term/Short term)	100N/200N
Crush Resistance (Long term/Short term)	200N/400N
Operating / Storage Temp	0 ~ 50°C/-20 ~ 70°C

4 **Part Number**

Part Number	Description
EPDPC04-A0A0KxxxPG	DP 1.4 Hybrid AOC，Type A male to Type A male，Plastic housing, Black Color Cable, xxx=xxx meter, for example 100=100 meter

① All of standard cables have no logo. MOQ and extra cost will be required if adding customized logo.

5 **Application**

1) Home Theater
2) High definition Video Meeting System
3) Medical Video System
4) High definition Video Surveillance System
5) Digital Signage and TV Wall

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for Audio Cables / Video Cables / RCA Cables *category:*

Click to view products by EverPro *manufacturer:*

Other Similar products are found below :

59384500100E RCA10RCA DB25M05DB25MY DB25M10DB25MY DB25M10XLRMXLRFY 1-3737-600-3216 15AK25X 25FK25
LF3BLX 30-407-3 30-513 28-511-0 30-419 30AK30 RCA05RCA RCA05RCAB RCA05TS RCA10RCAB 420001400-3 426058900-3
427493000-3 49152A-010-S2 TT6RX TT7BKX 32-3766 32HR07284X DB25M02XLRMXLRFY LF1BKX LF3RX DVI-I-VGA/DVI-D-
CBL-MATRIX VMP2YX TT746 TT744 CN13B MDC4P13 MDC8P53 LF4GNX LF2GYX 426494200-3 49153A 010S2 LF1RX
VMPBNCF LF10GNX 427492100-3 LF4BLX TT747N2 TT864 426491500-3 1700009396 1700000410