

Active Optical Cable

DP 1.4 Hybrid



Key Features

- DP1.4 standard, support up to 8K@60Hz UND display
- Long distance transmission, over 100 meters
- Plug and play without driver dependent
- Thinner, lighter and softer than conventional copper cable
- No external power supply or signal amplifier

Applications

- Home theater
- High definition video meeting system
- Medical video system
- High definition video surveillance system
- Digital signage and TV Wall



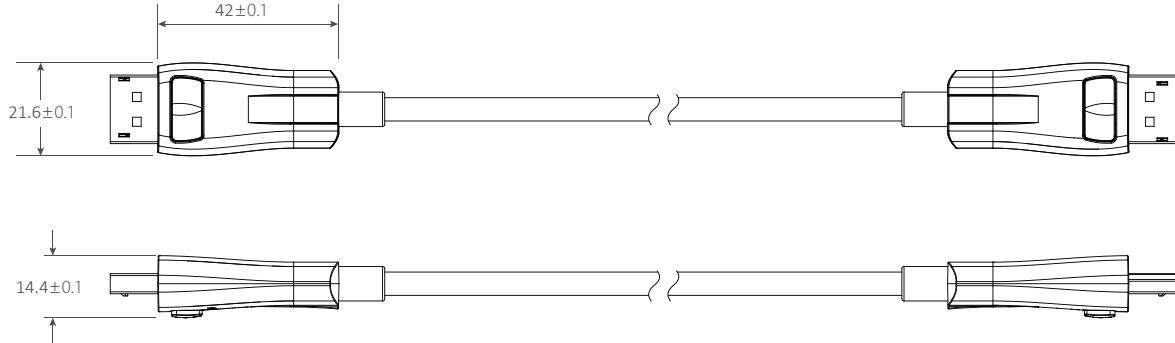
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A BizLink Group Company

Dimensions



Unit: mm

Absolute Maximum Ratings

	Min.	Max.
Storage Temperature	-20°C	+70°C
Operating Temperature	0	70°C
Supply Voltage	0	5V

Key Characteristics

Connector Type	DP
Transmission Bandwidth	32.4Gbps
Resolution	720P,1080i,1080P 3D,4K @120Hz, 8K @60Hz 4:4:4
Wire Specifications	Copper Wires Optical fiber : 50/125 um OM3 Hybrid type with optical fiber and copper wire (OD 4.8mm)
LD/PIN	4CH 850nm VCSEL/ PIN array
Power	DP1.4 +5V(no need external power)
Power Consumption	≤0.5W
Transmission Length	Up to 100m
Flame Retardance (A Single Vertical)	Meet UL13 standards
Environmental Protection Requirements	Comply with RoHS directive
Stretch (Short-term) (N)	400
Stretch (Long-term) (N)	200
Squash(Short-term) (N/100mm)	600
Squash(Long-term) (N/100mm)	300
Minimum Bending Radius (Dynamic) (mm)	20D
Minimum Bending Radius (Static) (mm)	10D



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