

UE3415F

15 m Ultra HD USB-C Active Optical Cable



The UE3415F is a [USB-C](#) 3.2 Gen 2 full-featured active optical cable that handles high-speed data and video transmission and up to 60W power delivery for a distance of up to 15 m simultaneously. It supports 2-lane (DP 1.4 + USB 3.2 10 Gbps) and 4-lane (DP 2.1 + USB 2.0 480 Mbps) modes up to 4K @ 60 Hz. Cable construction using premium materials brings high resistance to EMI / RFI, making it suitable not just for educational and conference scenarios, but also sensitive applications in medical industry.



15m

Long
Distance
Transmission

PD 60W



USB 3.2
Gen 2



USB-C

Specifications

Connectors	
USB Port	1 x USB-C Male
Downstream	1 x USB-C Male
Cable Type	Hybrid type with optical fiber and copper wire
Cable Length	15 m
Data Rate	Up to 10 Gbps
Power Consumption	DC5V:2WBTU/h Note: <ul style="list-style-type: none"> ● The measurement in Watts indicates the typical power consumption of the device with no external loading. ● The measurement in BTU/h indicates the power consumption of the device when it is fully loaded.
Environmental	
Operating Temperature	0–40°C
Storage Temperature	-20–60°C
Humidity	10-80% RH
Jacketed	
Material	PVC
Color	Black
Physical Properties	
Housing	Connector Case: Zinc-Alloy
Weight	1.10 kg (2.42 lb)
Note	<ol style="list-style-type: none"> 1. Make sure to plug the SOURCE connector to the output port of a source device and the DISPLAY connector to the input port of a display device. 2. Bending radius of optical cable must exceed 65 mm when the conduit turns direction. Bending or intermediate splicing is absolutely not allowed. 3. Make sure that the two connectors on the cable are not heavily pressed or pressured. They are very fragile. Please handle with care. 4. When laying optical cables, special caution must be taken that the pulling force is within the tolerance range (<50kg). Lay the cable in even speeds to avoid any impact or sudden stop. 5. When laying optical cables, make sure the speed is controlled not to exceed 20m/minute.

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