

USB Type-C® 3.2

NEXT GENERATION
DIGITAL RIBBON CABLES



Video Products Group

USB TYPE-C 3.2
DIGITAL RIBBON CABLES



DESCRIPTION

FSR's latest Digital Ribbon USB Type-C 3.2 active optical fiber cable is engineered to deliver high-performance connectivity across a wide range of applications. This full-featured cable supports 4-lane DisplayPort 2.1 and USB 2.0, ensuring simultaneous high-speed data transfer, USB communication, and power delivery, making it ideal for demanding environments such as video conferencing and high-definition media streaming.

Leveraging advanced optical fiber technology, this cable provides ultra-fast data transfer rates and crystal-clear video and audio transmission. Experience seamless high-definition video streaming, uninterrupted remote meetings, and superior audio quality without latency or signal degradation. The cable's design supports effortless file transfers and multi-monitor projection via a compatible hub or dock without the need for complex configurations or additional software.

The USB Type-C 3.2 cable also serves as a robust charging solution, delivering up to 60W of power (20V/3A) to charge laptops, smartphones, tablets, and other USB Type-C devices efficiently. Its ability to simultaneously transfer data or output video and audio while charging makes it an essential tool for modern connectivity and productivity needs. The cable's high resistance to electromagnetic

interference (EMI) and radio frequency interference (RFI) ensures a stable, reliable connection even in challenging environments.

Constructed with high-performance GGP (Glass/Glass/Polymer) fiber, the cable offers exceptional durability and flexibility, with a bend radius as tight as 2mm. This makes it thinner, lighter, and softer than traditional cables while maintaining superior performance. Upgrade your connectivity solutions with FSR's latest Digital Ribbon USB Type-C 3.2 active optical fiber cable and elevate your productivity and efficiency.

FEATURES

- Supports 4-lane DP 2.1 mode plus USB 2.0
- Supports 2-lane DP 1.4 plus USB 3.2, total 10 Gbps
- Supports DisplayPort Alternate Mode
- 4 x 5 Gbps super speed lanes plus 1 Gbps high-speed lane
- Supporting most BYOD teleconference systems
- Backward compatible to USB 2.0/1.1
- Support Power Delivery 60W, 20V3A
- Simply plug and play, no complicated setup required
- Thinner, lighter, and softer
- Highly resistant to EMI and RFI
- GGP (Glass/Glass/ Polymer) fiber: 2mm bend radius

ORDERING INFORMATION

Item #	Model	Description	Length Meters	Length Feet
18098	DR-4LC60-10M	3.2 Gen2 10 Gbps 4-Lane Data/Video 60W USB-C – C	10	33
18099	DR-4LC60-15M	3.2 Gen2 10 Gbps 4-Lane Data/Video 60W USB-C – C	15	50



Specifications are subject to change without notice.

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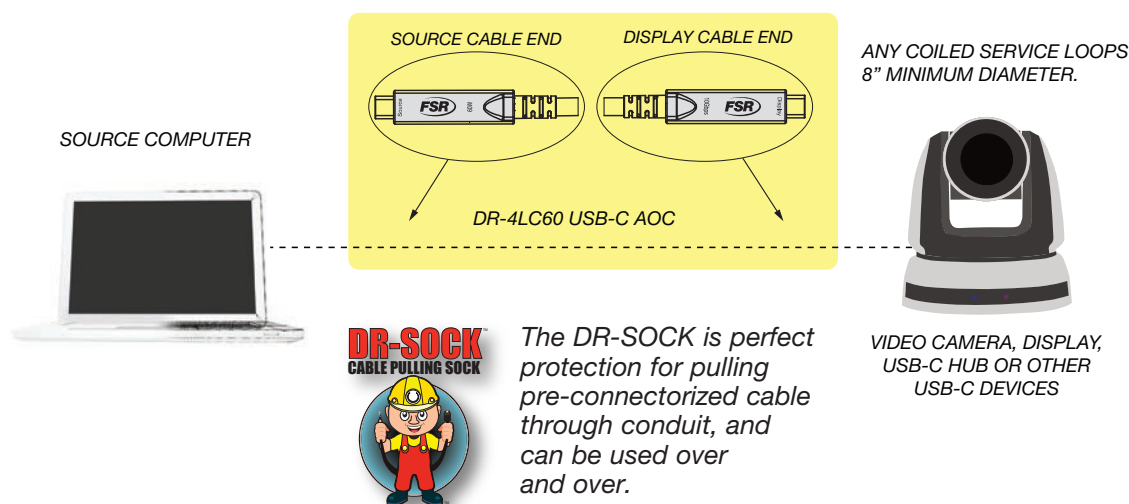
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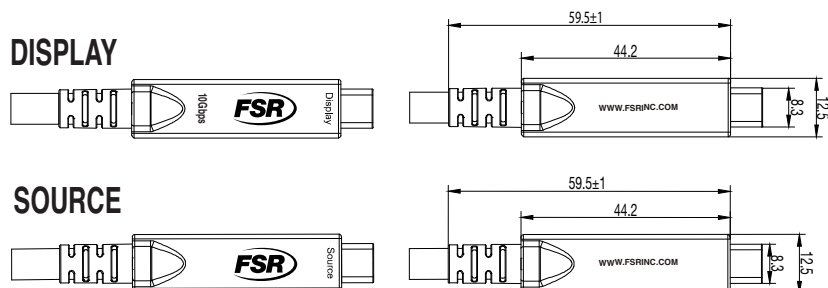
SPECIFICATIONS

Performance Characteristics	
Video Connectors	USB-C (male) / USB-C (male)
Maximum Length	50' (15 meters)
Cable Dimensions	0.27" (6.8mm) dia.
Compliance	CE
Total Power Consumption	< 0.50 W
Power Transfer Limit	20V/3A
Endurance at Bend Radius	Over 10k cycles at 2" (50 mm) Radius
Minimum Bend Radius	0.8" (2mm)
Maximum Tensile Load	33lbs/15kg
Environmental Performance	
Operating Temperature Range	+32° F to +122° F (0 ° to +50°C)
Maximum Operating Humidity	85%
Storage Temperature Range	-22° to +122° F (-30° to +50°C)
Product Specifications	
Supports 4-lane DP 2.1 & USB 2.0; Supports 2-lane DP 1.4 & USB 3.2 10 Gbps; Backward compatible with USB 2.0/1.1;	
USB-C (male) / USB-C (male)	
EMI / EMC: FCC Class B, CISPR 32	

APPLICATIONS



DIMENSIONS



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