

Highlights:

- Only for data & power connections
- USB Type C directional cable
- USB 3.2 GEN 2
- Full bandwidth of 10 Gbps
- USB Backward compatible (1.1, 2.0, 3.0, 3.1 Gen 1)
- 5V / 1.5 A power supply to device
- No external power needed
- Hybrid (fiber and copper) active optical cable
- True plug & play solution
- LSHF jacket

Product information:

| Only for data & power connections |
CLD632A is a USB Type-C active optical cables. This cable has a slimline cable design that is combinable with a USB 3.2 GEN 2 and has a full bandwidth of 10 Gbps. As the CLD632A is a Hybrid (fiber and copper) active optical cable it has superior performance in speed as well as distance. No additional external power needed and although the cable is of firm quality, it remains very flexible. The CLD632A is made to withstand high temperatures by its Low Smoke and Halogen-free outer jacket.

Up to 10 Gbps 20X faster than USB 2.0 12X faster than FireWire. Power and charge devices such as laptops, tablets and phones very quickly. Connect to any peripheral device with USB Type-C like external video conference camera's.



Properties:



USB Type-C



Ultra speed



Optical fiber



LSHF

Product Features:

| | |
|-------------|----------------|
| Application | AV & IT |
| Series | Connect Series |

Physical Characteristics:

| | | | |
|-------------------|------------------------|----------------|---|
| Inner conductor | Insulation | Material | LSZH 1.0 mm (Ø) (A) |
| | | | Foam PE 1.15 mm (Ø) (B) |
| | | | HDPE 0.028 " (Ø) (C) |
| | | | HDPE 0.049 " (Ø) (D) |
| | | | HDPE 0.051 " (Ø) (E) |
| | Shielding | Drain wire | TC 7 x 0.127 mm (Ø) (OFC) - 28 AWG |
| | | Aluminium foil | Al-mylar, 100% coverage - 25% Overlap |
| Overall shielding | Aluminium foil | | Al-mylar, 100% coverage - 25% Overlap |
| | Drain wire | | TC 41 x 0.08 mm (Ø) (OFC) - 24 AWG |
| Armor | Material | | Kevlar |
| Outer jacket | Material | | LSZH 4.8 mm (Ø) |
| | Colours | | Black |
| Strength test | Bending radius | | 0.35 " |
| | Tensile strength test | | 22.046 lb |
| | Connector bending test | | > 10000 cycles |
| Inner conductor | Material | | 50/125 OM3 / Fiber (4x) (A) |
| | | | TC 7 x 0.16 mm (Ø) (OFC) - 1 Pair (B) |
| | | | TC 7 x 0.127 mm (Ø) (OFC) - 1 Conductor (C) |
| | | | TC 66 x 0.10 mm (Ø) (OFC) - 1 Conductor (D) |
| | | | TC 26 x 0.16 mm (Ø) (OFC) - 1 Conductor (E) |
| | Section | | 217.00043 "² - 26 AWG (B) |
| | | | 139.50 "² - 28 AWG (C) |
| | | | 790.50 "² - 21 AWG (D) |
| | | | 806.0016 "² - 20 AWG (E) |
| | Number of conductors | | 9 |
| | Conductor twisting | | Yes |

Variants:

- CLD632A/15 - 15 meter