



opticalCON DUO ARMORED

The stainless steel armoring of opticalCON ARMORED cable is enormously robust to resist extraordinary abuse. Even with the armoring, the cable remains flexible and easy to handle.

The opticalCON DUO cable connector accommodates two PC optical channels based on conventional and proven LC connectivity protected by a ruggedized and durable all-metal housing. It features a spring-loaded push-pull locking mechanism and excellent cable retention utilizing aramid yarn. The optical connection is exceptionally well protected against dirt and dust by an automatically operated sealing cover.

The cable connector comes pre-assembled and is not available as a single component. The cable is available in different lengths and is packed either in a case, on a drum, or air spooled.

Features & Benefits

- opticalCON ARMORED cable for demanding applications like touring / rental or outdoor broadcast
- opticalCON multi mode fiber cables offer laser and bend optimized OM3 fibers
- Offers a cut-proof and rodent-resistant double-jacket, glass-yarn armored cable construction
- Rugged 2-channel fiber optic connection system
- For Point-to-Point multichannel routing
- Innovative spherical shutter guarantees low maintenance

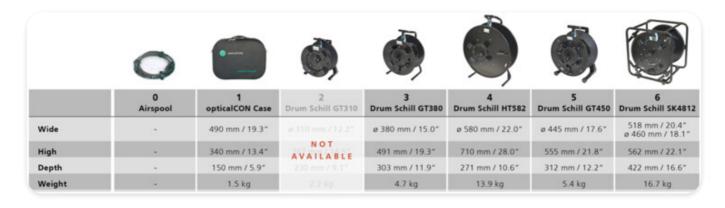


- Dust and water resistant according to IP65 in mated condition
- ✓ Limited 100 m

Cable cross section

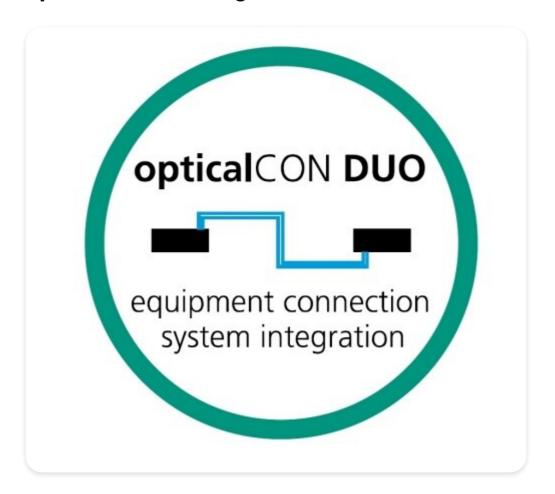


Packaging options and max. cable length





opticalCON DUO logo



opticalCON Features

Technical Information

| Product | |
|---------|------------------------|
| Title | opticalCON DUO ARMORED |



| Mechanical | |
|------------------|--------------------|
| Cable retention | 500 N |
| Insertion force | < 45 N |
| Withdrawal force | < 45 N |
| Lifetime (typ.) | 5000 mating cycles |
| Wiresize | |

| Environmental | |
|-------------------|-------------------------|
| Temperature range | -40°C to +75 °C |
| Protection class | in mated condition IP65 |

| Optical | |
|----------------|-----------------|
| Optical wiring | ISO / IEC 11801 |

| Mobile cable | |
|------------------------|--------------|
| Colour | black, matte |
| minimal bending radius | 10.5 cm |
| Weigth | 221 kg/km |