



opticalCON QUAD 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 QUAD cable connector accommodates four 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 4-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
- ✓ Resistant up to 200 kg/m²

Cable cross section

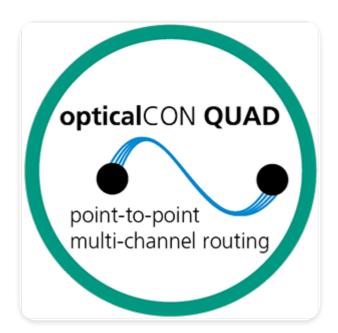


Packaging options and max. cable length





opticalCON QUAD logo



opticalCON Features

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Technical Information

Product	
Flamabilty	UL94 HB

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	
Insertion loss	< 0.5 dB / connection dB
Optical wiring	ISO / IEC 11801

Mobile cable	
Colour	black, matte
minimal bending radius	10.5 cm
Weigth	231 kg/km