



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

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- ✓ Dust and water resistant according to IP65 in mated condition
- ✓ Resistant up to 200 kg/m²

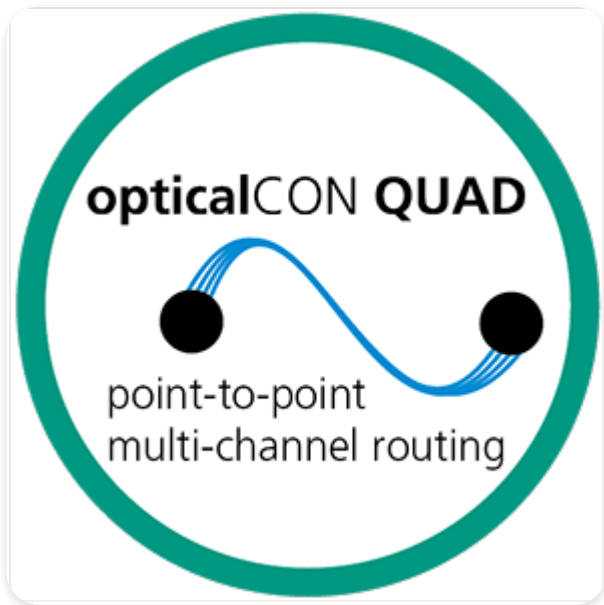
Cable cross section



Packaging options and max. cable length

	0 Airspool	1 opticalCON Case	2 Drum Schill GT310	3 Drum Schill GT380	4 Drum Schill HT582	5 Drum Schill GT450	6 Drum Schill SK4812
Wide	-	490 mm / 19.3"	ø 310 mm / 12.2"	ø 380 mm / 15.0"	ø 580 mm / 22.0"	ø 445 mm / 17.6"	518 mm / 20.4" ø 460 mm / 18.1"
High	-	340 mm / 13.4"	NOT AVAILABLE 230 mm / 9.1"	491 mm / 19.3"	710 mm / 28.0"	555 mm / 21.8"	562 mm / 22.1"
Depth	-	150 mm / 5.9"		303 mm / 11.9"	271 mm / 10.6"	312 mm / 12.2"	422 mm / 16.6"
Weight	-	1.5 kg	2.2 kg	4.7 kg	13.9 kg	5.4 kg	16.7 kg

opticalCON QUAD logo



opticalCON Features



Technical Information

Product	
Flamability	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