



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

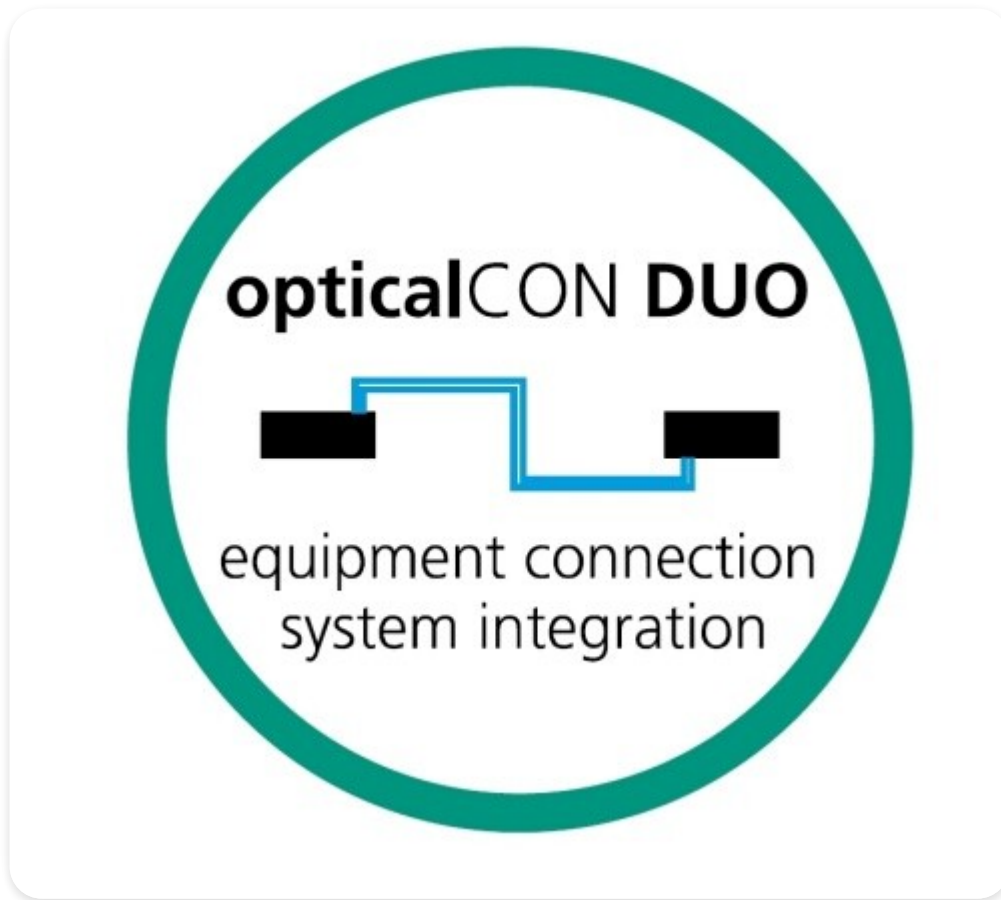
Cable cross section



Packaging options and max. cable length

	0	1	2	3	4	5	6
	Airspool	opticalCON Case	Drum Schill GT310	Drum Schill GT380	Drum Schill HT582	Drum Schill GT450	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 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
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Mobile cable

Colour	black, matte
minimal bending radius	10.5 cm
Weigth	221 kg/km