



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.

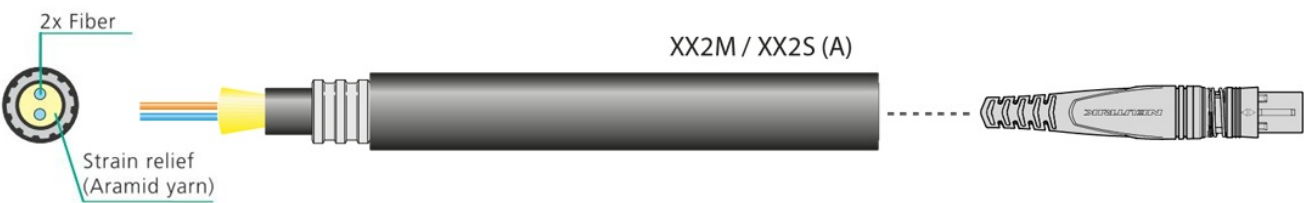
The cable connector comes pre-assembled and is not available as a single component. The cable is available in different lengths and is packed either in a case, on a drum, or air spooled.

Features & Benefits

- opticalCON ARMORED cable for demanding applications like touring / rental or outdoor broadcast
- Offers a cut-proof and rodent-resistant double-jacket, glass-yarn armored cable construction
- For Point-to-Point multichannel routing
- Dust and water resistant according to IP65 in mated condition
- opticalCON multi mode fiber cables offer laser and bend optimized OM3 fibers
- Rugged 2-channel fiber optic connection system
- Innovative spherical shutter guarantees low maintenance
- Limited 100 m

Cable cross section

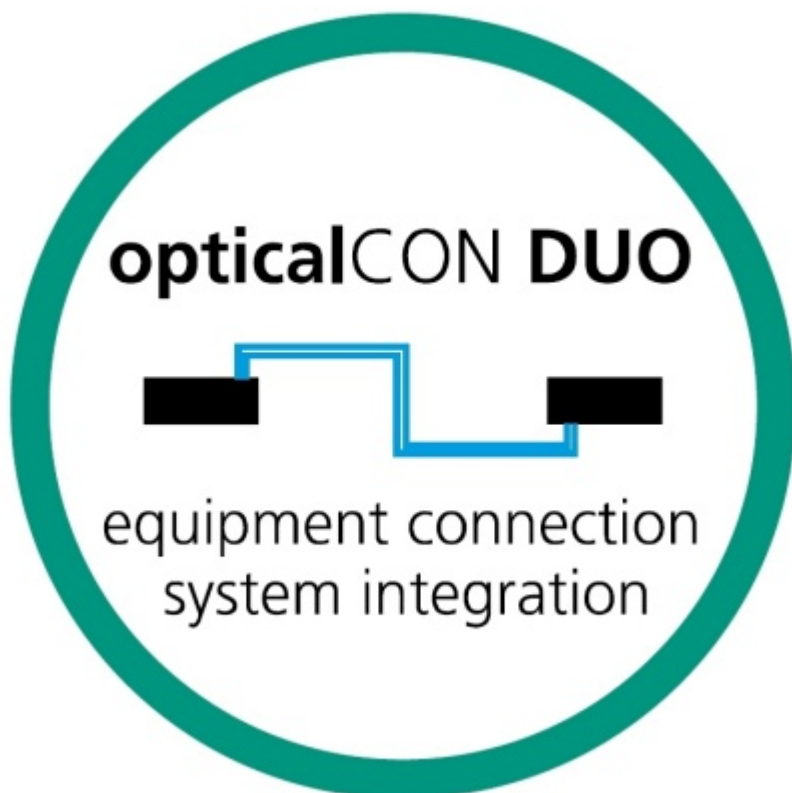
Cable O.D.: 10.5 mm



Packaging options and max. cable length

							
	0 Airs pool	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	491 mm / 19.3"	710 mm / 28.0"	555 mm / 21.8"	562 mm / 22.1"
Depth	-	150 mm / 5.9"	230 mm / 9.1"	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

Optical	
Optical wiring	ISO / IEC 11801

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