



opticalCON QUAD MED Cable

Pre-assembled male cable with 4 multimode fiber channels. QUAD MED is based on LC connectors but eliminates its weakness and guarantees a safe, dust protected and rugged connection. The QUAD MED 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 an excellent cable retention utilizing aramid yarn.

The optical connection is exceptional 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.

Suitable chassis connectors are NO4FDW-A

Features & Benefits

- ✓ Rugged 4-channel fiber optic connection system
- ✓ 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
- ✓ Innovative spherical shutter guarantees low maintenance
- ✓ Easy to maintain and Nurse Proofed Design with Glove Protection
- ✓ Suitable for medical Application like Operation Rooms (indoor)

Technical Information

Product

Title	NKO4M-AM-0*
Gender	Male

Mechanical

Cable retention	500 N
Insertion force	< 45N
Withdrawal force	< 45N
Lifetime	< 5'000 mating cycles
Locking device	Push/Pull

Material

Boot	Rubber (EPDM)
Bushing	Zinc diecast (ZnAl4Cu1)
Insert	Polyamide (PA 6, PBT 30 % GR, PBT 50 % GR)
Shell	Zinc diecast (ZnAl4Cu1)
Shell plating	Black chromium
Strain relief	Polyacetal (POM) (brass)

Environmental

Flammability	UL94 V-0
Temperature range	-40°C to +75°C

Optical	
Insertion Loss	Typ. 0.3dB per connection / Max. 0.45dB per connection
Channels	4
Optical Wiring	ISO/IEC 11801