



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

- Rugged 4-channel fiber optic connection system
- Dust and water resistant according to IP65 in mated condition
- Innovative spherical shutter guarantees low maintenance
- Suitable for medical Application like Operation Rooms (indoor)
- For Point-to-Point multichannel routing
- opticalCON multi mode fiber cables offer laser and bend optimized OM3 fibers
- Easy to maintain and Nurse Proofed Design with Glove Protection

Technical Information

| Product | |
|---------|-------------|
| Title | NK04M-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 |