



# Product Data Sheet

Neutrik NK04M-L-0-10 opticalCON QUAD LITE  
MM 10M Airspool

## Description



The Neutrik opticalCON QUAD LITE is a 4 channel fibre system, improved bending performance due to new tactical fibre design, black matt outer jacket, available in multi- and single-mode (PC or APC).

Besides extreme applications there is also a demand for quality fibre connections for semi-rugged applications as e.g. patching, or permanent installations. Such applications require a focus on costs and a sealing shutter is not required. The opticalCON QUAD LITE offers high performance and a cost effective, compact, and light weight design. It is fully compatible with the standard opticalCON QUAD chassis connector.

The opticalCON QUAD LITE cable connector accommodates a standard optical 1.25 mm ferrule in a durable plastic housing. It features a spring loaded push-pull locking mechanism and an excellent cable retention utilising aramid yarn. The connector comes pre-assembled and is not available as a single component. The cable is available in different lengths and comes with an airspool packaging.

| Product                                                      | SKU         |
|--------------------------------------------------------------|-------------|
| NEUTRIK NK04M-L-0-10 OPTICALCON QUAD LITE<br>MM 10M AIRSPOOL | KQ-26-16010 |

## Key Benefits

- Ruggedised 4 channel fibre optic connection system
- Cost optimised fibre connection for semi and permanent installation
- Designed for point-to-point connections
- Waterproof acc. to IP65 safety standard in mated condition
- Lightweight plastic housing
- Reliable Push-Pull locking mechanism
- Easy to clean, no special tools required
- Compatible with standard opticalCON NO4FDW-A chassis
- Custom colour coding possible
- Tactical patch cable



# Product Data Sheet

Neutrik NK04M-L-0-10 opticalCON QUAD LITE  
MM 10M Airspool

## Technical Specification

### Neutrik NK04M-L-0-10 Specification

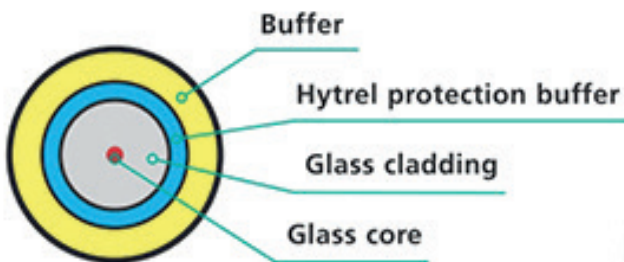
|                                                                  |                                                                |
|------------------------------------------------------------------|----------------------------------------------------------------|
| <b>Connection Type:</b> opticalCON                               | <b>Temperature range:</b> -40 °C to +70 °C                     |
| <b>Gender:</b> male                                              | <b>Optical</b>                                                 |
| <b>Mechanical</b>                                                | <b>Insertion loss:</b> < 0.45 dB / connection                  |
| <b>Cable retention:</b> > 250 N                                  | <b>Optical connector:</b> 1.25 mm ceramic ferrule (PC and APC) |
| <b>Insertion force:</b> < 45 N                                   | <b>Optical wiring:</b> ISO / IEC 11801                         |
| <b>Withdrawal force:</b> < 45 N                                  | <b>Optical return loss:</b> >50 dB (PC)<br>>60 dB (APC)        |
| <b>Lifetime:</b> > 2500 mating cycles                            | <b>Mobile cable</b>                                            |
| <b>Locking device:</b> Push-Pull                                 | <b>Colour:</b> black, matte                                    |
| <b>Material</b>                                                  | <b>Core diameter:</b> Singlemode 9 µm, Multimode 50 µm         |
| <b>Boot:</b> Rubber (EPDM)                                       | <b>Cladding diameter:</b> 125 µm PUR                           |
| <b>Bushing:</b> Polyamide (PA 6) & Thermoplastic elastomer (TPU) | <b>Minimal bending radius:</b> 3.5 cm                          |
| <b>Insert:</b> PBT                                               | <b>Number of fibers:</b> 4                                     |
| <b>Shell:</b> PBT                                                | <b>Cable retention:</b> Aramid yarn                            |
| <b>Strain relief:</b> CuZn36 Pb3 (Brass)                         | <b>Weight:</b> 14 kg/km                                        |
| <b>Dust protection cap:</b> Rubber (EPDM)                        | <b>Overall diameter:</b> 3.5 mm                                |
| <b>Environmental</b>                                             |                                                                |
| <b>Flammability:</b> UL 94 HB                                    |                                                                |



# Product Data Sheet

Neutrik NK04M-L-0-10 opticalCON QUAD LITE  
MM 10M Airspool

## Tactical Patch Cable



Conventional patch cables are sensitive in terms of undercutting the minimum bending radius and lateral pressure. Neutrik's tactical patch cables contain a unique fiber design including a protection layer which allows bending with minimal radius and increased lateral pressure. Therefore the tactical patch cables are the right choice for permanent or semi-permanent applications.

