



Product Data Sheet

Neutrik NK04M-L-0-150 opticalCON QUAD LITE
MM 150M 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-0-150 OPTICALCON QUAD LITE MM 150M AIRSPOOL	KQ-26-16150

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-0-150 opticalCON QUAD LITE
MM 150M Airspool

Technical Specification

Neutrik NK04M-L-0-150 Specification

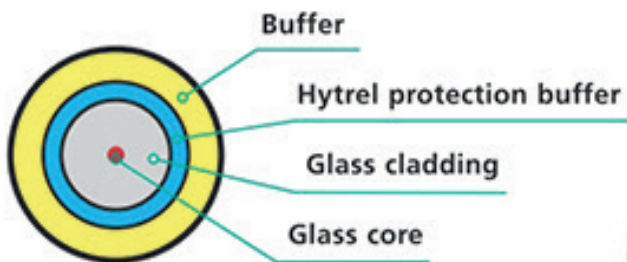
Connection Type: opticalCON	Temperature range: -40 °C to +70 °C
Gender: male	Optical
Mechanical	Insertion loss: < 0.45 dB / connection
Cable retention: > 250 N	Optical connector: 1.25 mm ceramic ferrule (PC and APC)
Insertion force: < 45 N	Optical wiring: ISO / IEC 11801
Withdrawal force: < 45 N	Optical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



Product Data Sheet

Neutrik NK04M-L-0-150 opticalCON QUAD LITE
MM 150M 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.

