



Product Data Sheet

Neutrik NK04S-A-0-100 opticalCON QUAD ADVANCED SM
100m Airspool

Description



Assembled, rugged and lightweight 4-channel mobile field cable, excellent cable retention due to aramid yarn, black PUR outer jacket, available in single and multi mode (PC or APC).

The opticalCON QUAD cable connector accommodates four PC optical channels based on conventional and proven LC connectivity protected by a ruggedised and durable all-metal housing. It features a spring loaded push-pull locking mechanism and an excellent cable retention utilising 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. The cable is available in different lengths and is packed either in a case, on drum or airspool.

Product	SKU
NEUTRIK NK04S-A-0-100 OPTICALCON QUAD ADVANCED SM 100M AIRSPOOL	KQ-38-16100

Key Benefits

- Rugged 4-channel fibre optic connection system
- opticalCON multi mode fibre cables offer laser and bend optimised OM3 fibers
- For Point-to-Point multichannel routing
- Innovative spherical shutter guarantees low maintenance
- Dust and water resistant according to IP65 in mated condition



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Technical Specification

Neutrik NK04S-A-0-100 Specification	
Gender: male	Optical
Mechanical	Fibre type: PVC
Cable retention: 500 N	Insertion loss: < 0.45 dB / connection
Insertion force: < 45 N	Optical wiring: ISO / IEC 11801
Withdrawal force: < 45 N	Mobile cable
Lifetime (typ.): 5000 mating cycles	Colour: black, matte
Locking device: Push-Pull	Core diameter: single mode 9 µm, multi mode 50 µm
Material	Cladding diameter: 125 µm
Boot: Rubber (EPDM)	Comment: PUR
Bushing: Zinc diecast (ZnAl4Cu1)	Minimal bending radius: 5.8 cm
Insert: Polyamide (PA 6, PBT 30 % GR, PBT 50 % GR)	Number of fibers: 4
Shell: Zinc diecast (ZnAl4Cu1)	Cable retention: Aramid yarn
Shell plating: Black chromium	Weight: 31 kg/km
Strain relief: Polyacetal (POM) (brass)	Overall diameter: 5.8 mm
Environmental	
Temperature range: -40 °C to +75 °C	

Cable O.D.: 5.8 mm

