



# Product Data Sheet

Neutrik NK04SA-A-0-100 opticalCON QUAD ADVANCED  
SM/APC 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 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. The cable is available in different lengths and is packed either in a case, on drum or airspool.

| Product  | SKU         |
|--|-------------|
| NEUTRIK NK04SA-A-0-100 OPTICALCON QUAD ADVANCED SM/APC 100M AIRSPOOL | KQ-37-16100 |

## 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 NK04SA-A-0-100 Specification               |   |
|--|---|
| Gender: male                                       | Optical   |
| Mechanical   | Fiber 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

