



# Product Data Sheet

## Neutrik NAO2S-H1W-A opticalCON Duo Coupler SM

### Description



This single mode PC, weatherproof opticalCON DUO coupler (adapter) LC-Duplex, is for cable extensions with 4 copper wires (0.75 mm<sup>2</sup>).

Fiber mode: single-mode PC  
Colour coding: blue

Product	SKU
NEUTRIK NAO2S-H1W-A OPTICALCON DUO COUPLER SM	KH-00-003



# Product Data Sheet

Neutrik NA02S-H1W-A opticalCON Duo Coupler SM

## Technical Specification

### NA02S-H1W-A opticalCON Duo Coupler SM Specification

<b>Connection Type:</b> Adapter	<b>Locking device:</b> Push-Pull
<b>Gender:</b> Female	<b>Material</b>
<b>Electrical</b>	<b>Contact plating:</b> 0.2 $\mu\text{m}$ Au over 2 $\mu\text{m}$ Ni
<b>Contact resistance:</b> < 7 m $\Omega$	<b>Contacts:</b> Bronze (CuSn6)
<b>Dielectric strength:</b> 1,5 kVdc	<b>Insert:</b> Polyamide (PA 6, PBT 30 % GR, PBT 50 % GR)
<b>Insulation resistance:</b> > 2 G $\Omega$ (initial)	<b>Shell:</b> AlMgSi 0.5, black plated
<b>Rated current per contact:</b> 6 - 10 A (Contact 1+4 10 A, Contact 2+3 6 A)	<b>Split:</b> sleeve ceramics
<b>Rated voltage:</b> < 50 V (1)	<b>Environmental</b>
<b>Mechanical</b>	<b>Temperature range:</b> -30 °C to +80 °C
<b>Insertion force:</b> < 45 N	<b>Optical</b>
<b>Withdrawal force:</b> < 45 N	<b>Insertion loss:</b> < 0.4 dB / connection
<b>Lifetime:</b> > 1000 mating cycles	<b>Optical connector:</b> LC-Duplex