

## NAO2\*-H1W-A

Weatherproof optical CON DUO coupler (adapter) LC-Duplex for cable extensions with 4 copper wires (0.75 mm<sup>2</sup>).



Produkt	NAO2M-H1W-A	NAO2S-H1W-A	NAO2SA-H1W-A
Fiber Mode	multi-mode PC	single-mode PC	single-mode APC
Color Coding	Black	Blue	Green

**Technical Information**

Product	
<b>Title</b>	NAO2*-H1W-A
<b>Connection Type</b>	Adapter
<b>Gender</b>	female

Electrical	
<b>Contact resistance</b>	< 7 mΩ
<b>Dielectric strength</b>	1,5 kVdc
<b>Insulation resistance</b>	> 2 GΩ (initial)
<b>Rated current per contact</b>	6 - 10 A (Contact 1+4 10 A, Contact 2+3 6 A)
<b>Rated voltage</b>	< 50 V (1)

Mechanical	
<b>Insertion force</b>	< 45 N
<b>Withdrawal force</b>	< 45 N
<b>Lifetime</b>	> 1000 mating cycles
<b>Wiresize</b>	
<b>Locking device</b>	Push-Pull

Material	
<b>Contact plating</b>	0.2 μm Au over 2 μm Ni
<b>Contacts</b>	Bronze (CuSn6)
<b>Insert</b>	Polyamide (PA 6, PBT 30 % GR, PBT 50 % GR)
<b>Shell</b>	AlMgSi 0.5, black plated
<b>Split sleeve</b>	ceramics

Environmental	
<b>Temperature range</b>	-30 °C to +80 °C

**Optical**

<b>Insertion loss</b>	< 0.4 dB / connection
<b>Optical connector</b>	LC-Duplex