NEUTRIK

NAO2*-H1W-A

Weatherproof opticalCON DUO coupler (adapter) LC-Duplex for cable extensions with 4 copper wires (0.75 mm²).

Product	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

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Technical Information

Product	
Title	NAO2*-H1W-A
Connection Type	Adapter
Gender	female

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

Mechanical	
Insertion force	< 45 N
Withdrawal force	< 45 N
Lifetime (typ.)	1000 mating cycles
Wiresize	
Locking device	Push-Pull

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Material

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

Environmental

Temperature range	-30 °C to +80 °C

Optical

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

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