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PRODUCTS ONLY

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Audio

opticalCON DUO Chassis Connectors

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N02-4FDW-R

Product	
Connector Type	OpticalCon
Gender	female
Electrical	
Contact resistance	< 7 mΩ
Dielectric strength	1,5 kVdc
Insulation resistance	> 2 GΩ (initial)
Insulation resistance	> 1 GΩ (after damp heat test)
Rated current per contact	3 A
Rated voltage	50 V (1)
Mechanical	
Insertion force	< 45 N
Withdrawal force	< 45 N
Lifetime	> 1000 mating cycles
Locking force	1000 N
Wiring	Solder contacts
Locking device	Push-Pull
Mounting direction	front
Chassis shape	D
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	Zinc diecast (ZnAl4Cu1)
Shell plating	Ruthenium
Split sleeve	ceramics
Environmental	
Flammability	UL 94 HB
Protection class	IP 65
Solderability	Complies with IEC 68-2-20
Temperature range	-30 °C to +80 °C
Optical	
Fiber type	Multimode, Singlemode PC, Singlemode APC
Insertion loss	< 0.5 dB / connection
Optical connector	LC-Duplex Feedthrough
Mobile Cables	

(1)

Not compatible to the SMPTE standard, suitable for indoor studio applications acc. IEC 60664-1 (pollution degree 1, over voltage category 1)