





NO2FDW-T-SR

The opticalCON® TRUE1 DUO Senior enables the use of MDC Senior connectors on the rear side, offering a robust and service-friendly solution for standard panel and patch applications.

It combines high packing density with ease of handling, ensuring reliable connectivity and straightforward installation. The proven push-pull mechanism supports fast and secure mating, making it particularly suitable for professional fiber optic infrastructures requiring efficient operation and maintenance.

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Technical Information

Product	
Optical Connector	MDC (Miniaturized Duplex Connector)
Number of Fibers	2
Fiber	Multimode, Single Mode PC / APC
Insertion loss	< 0,45 dB per Connection (acc. IEC61300-3-4:2023)
min. Return Loss	MM PC > 25 dB SM PC > 50 dB SM APC > 60 dB

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Mechanical	
Insertion / withdrawal force	< 45 N
Lifetime (mating cycles)	5'000
Locking force	300 N
Locking device	Latch lock
Mounting direction	Front / Rear mounting
Chassis shape	D

Material	
Shell	PA66 + PA6 25% GR
Insert	Zinc diecast; PA66 + PA6 25% GR; PC;
Insert planting	Nickel
Shutter	PBT 25% GR
Split sleeve	Ceramcis
Sealing + Cap	EFDM

Environmental	
Operating Temperature	-40°C to +85°C
Flammability	UL 94 V0 (chassis)
Protection class	In mated condition IP65, 66 & 67
Corrosion Resistance	1440 h

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