



opticalCON HYBRID MED Chassis

Female chassis connector with ruggedized anticorrosive plating, 2 crimp contacts, 1 MPO feedthrough socket and 1 shell ground contact for cable shield.

The chassis connector acts as a feedthrough allowing simplified installations by connecting a MPO patch cable on the rear. The chassis cut-out has the same size like Neutrik's approved D-Shape design and is therefore simple to integrate into existing systems.

Features & Benefits

- ✓ Suggested OEM equipment chassis connector with common D-shape design
- ✓ Improved guiding nose for safe and correct connection
- ✓ Ruggedized hybrid feedthrough connection system
 - MPO cut-out for patch cables
 - 2 power contacts
 - 1 ground contact
- ✓ Designed as feedthrough for easy repair and replacement
- ✓ Shielded system with EMI protection design
- ✓ Suitable for medical application like operation rooms (indoor)

Technical Information

Product	
Title	NO16FD-XP
Gender	Female

Electrical	
Contact resistance	< 7 mΩ
Insulation resistance	> 10 GΩ (initial)
Mains	12V AC / 10A / @50 Hz

Mechanical	
Insertion force	< 45 N
Withdrawal force	< 45 N
Lifetime (typ.)	10'000 mating cycles
Locking force	900 N
Locking device	Push/Pull
Mounting direction	Front mounting
Wiresize (power)	Max. 16 AWG

Material	
Contacts	Brass
Insert	Polyetherimide and Polycarbonate (PEI+PC)
Shell	Zinc diecast and Polyoxmethylen
Shell plating	Nickel

Environmental	
Flammability	UL94 V-0
Temperature range	-40°C to +75°C