



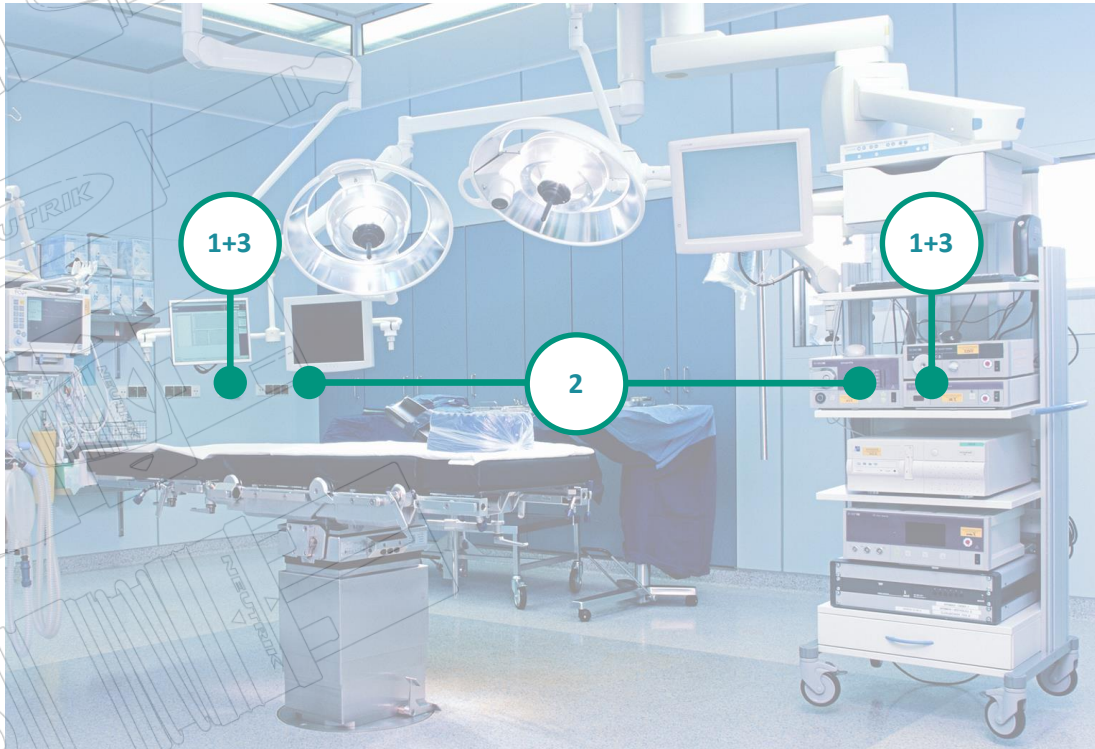
# opticalCON HYBRID MED

«The next Generation of fiber optic connectors in the Medical Market»

**NEUTRIK®**

# opticalCON HYBRID MED Solution

## Medical Application



- ① **HYBRID MED Chassis**  
(HDMI,SDI,VGA,VDI,SDI → OM4 fiber)



- ② **HYBRID MED Cable**  
(16 fibers + low power)



- ③ **Patch cable**  
(up to 16 fibers)



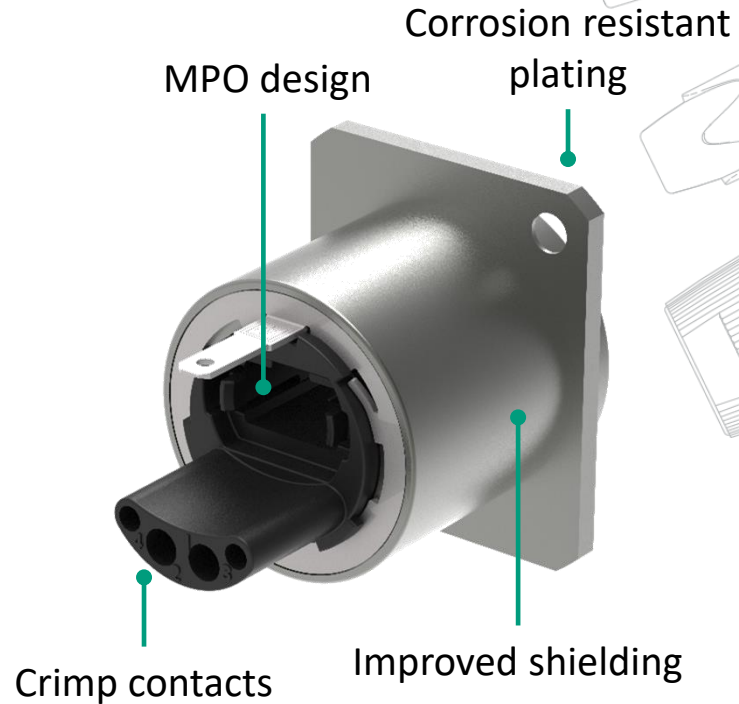
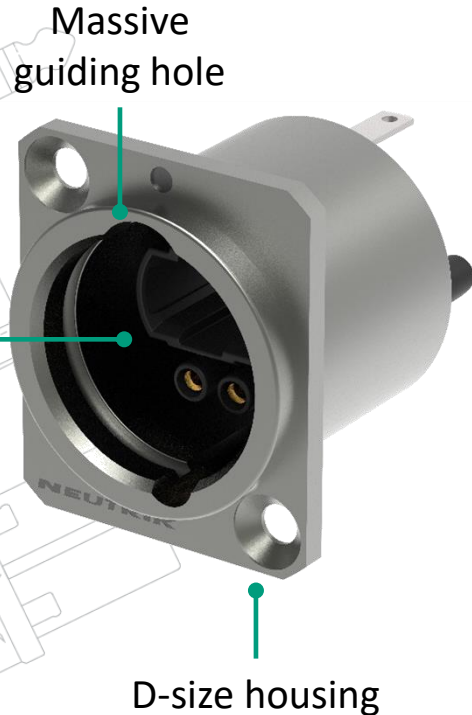
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## Cable Connector



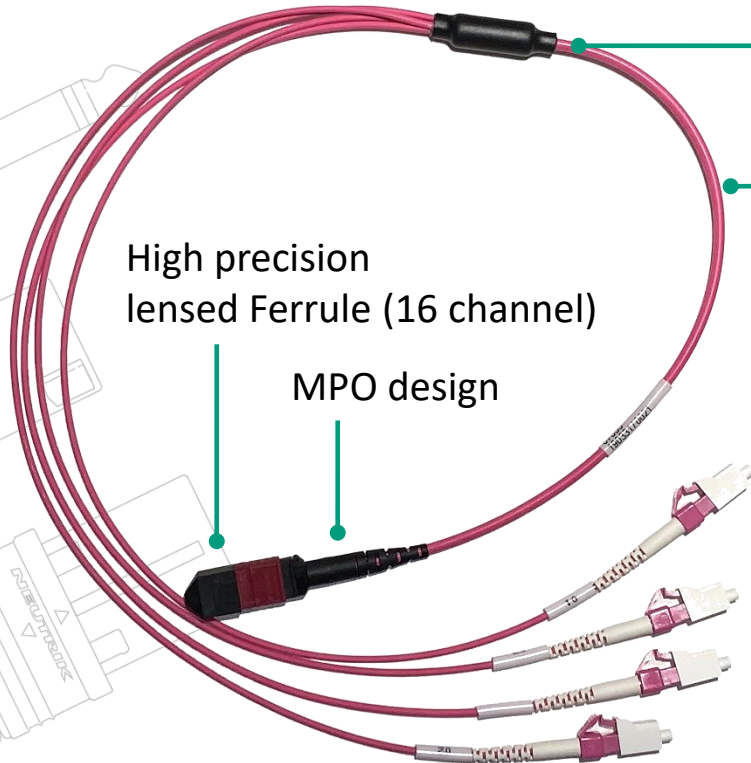
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## Chassis Connector



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## Patch Cable



Tiny Splitter Part  
only 5cm long

OM4 Performance

High precision  
lensed Ferrule (16 channel)

MPO design

Several Break-out configurations

- 4x LC (4K Resolution)
- 6x LC (5K & 8K Resolution)
- 8x LC
- 16x LC

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## QUAD MED vs. HYBRID MED Comparison

QUAD MED	HYBRID MED
Physical contact	Lensed contact
Only Data	Data & Low power
4 fiber channels (4K content)	16 fiber + 2 power channels (4K,5K,8K content)
Dust insensitive (auto. shutter)	Dust insensitive (Lensed technology)
IBC Cleaning Stick	Dust remover
Performance <0.4 dB/connection	Performance typ. 0.65dB/connection
5`000 mating cycles	10`000 mating cycles
Male/Male system	Male/Male system
D-Shape housing size	D-Shape housing size

