



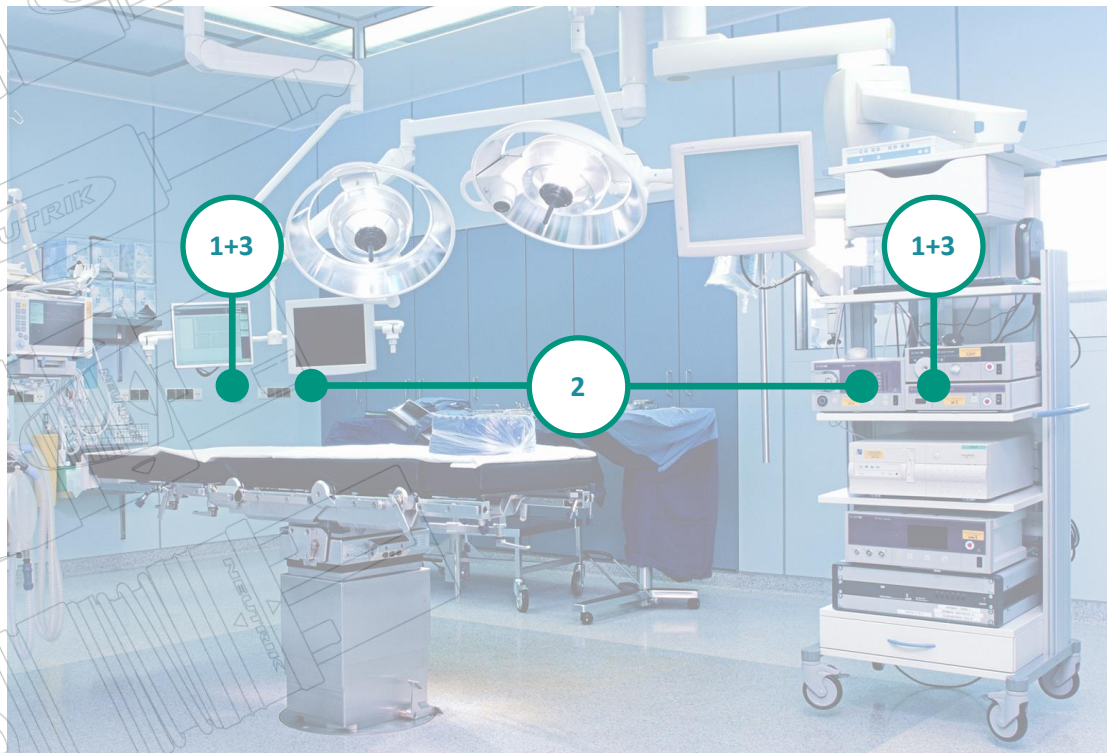
opticalCON HYBRID MED

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

NEUTRIK®

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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)



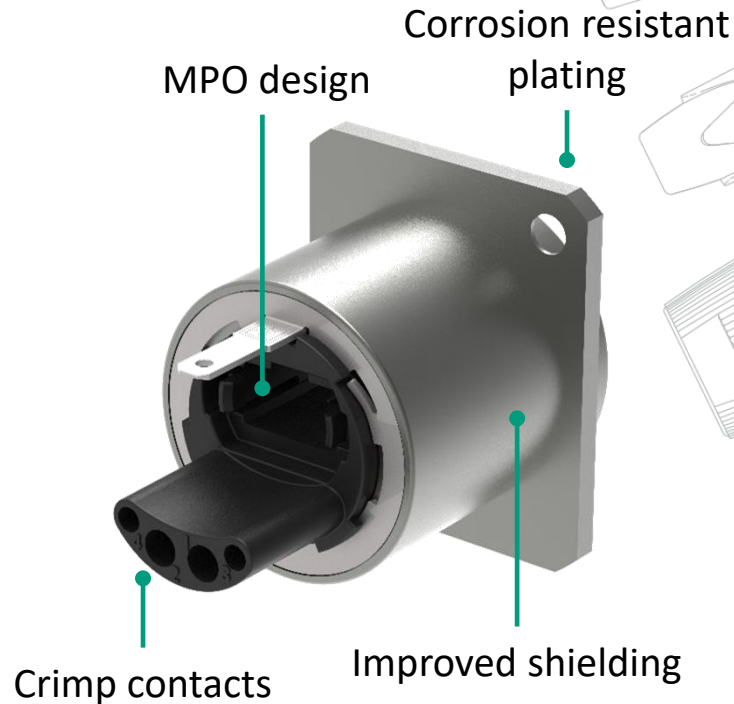
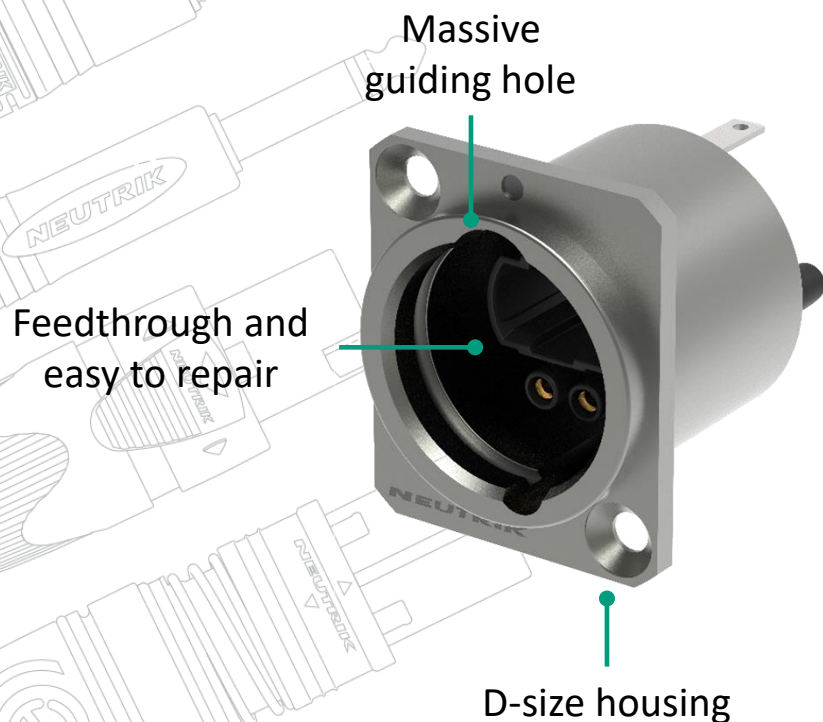
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Cable Connector



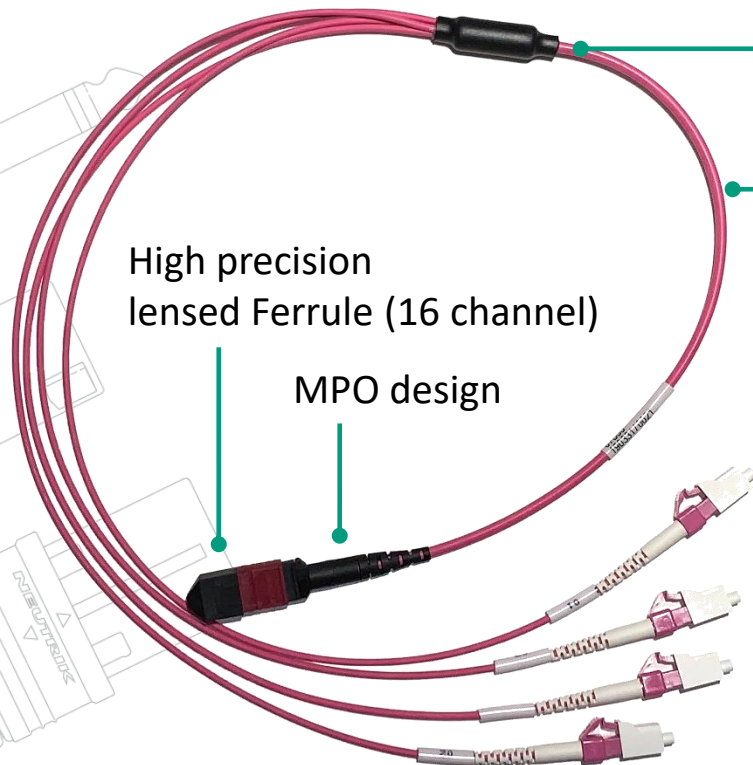
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Chassis Connector



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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	



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