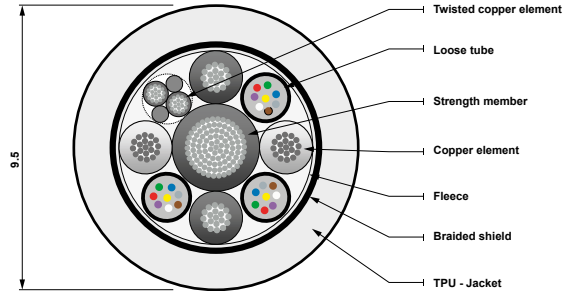




# Cable Datasheet

## opticalCON<sup>®</sup> HYBRID MED



### Technical Data Cables

Number of fibers	24	
Fiber type	Multi-mode	
Fiber standard	OM4	
Core diameter	50 µm	
Cladding diameter	125 µm	
Secondary buffer diameter	242 µm	
Proof test level	100 kpsi	
Wavelength	850 nm	1300 nm
Bandwidth	1500 MHz/km	500 MHz/km
Attenuation	2.5 dB/km	0.7 dB/km
Nominal Zero dispersion slope	-	
Cable surface	Black	
Jack Material	Polyurethane TPE-U	
Cable weight	116 kg/km	
Cable diameter	9.5 mm	
Installation (static):		
Max. tensile load	700 N	
Min. bend radius	95 mm	
Operation (dynamic):		
Max. tensile load	700 N	
Min. bend radius	145 mm	
Impact resistance	-	
Crush resistance	500 N/dm (according IEC 60794-1-2-E3)	
Number of conductors	4	
Nominal core OD	0.9 mm	
Conductor resistance	0.61 mm <sup>2</sup>	
Storage temperature	-40°C to +70°C	
Installation temperature	-5°C to +50°C	
Bend optimized	Yes	
Laser optimized	Yes	

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