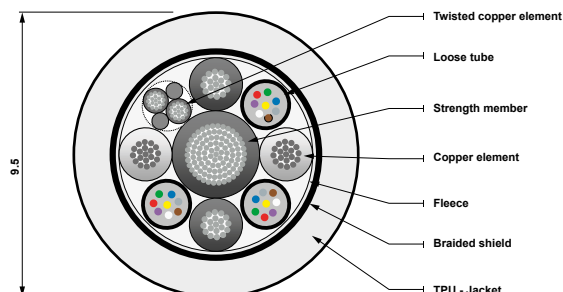




Cable Datasheet

opticalCON® 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 mm²		
Storage temperature	-40°C to +70°C		
Installation temperature	-5°C to +50°C		
Bend optimized	Yes		
Laser optimized	Yes		

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