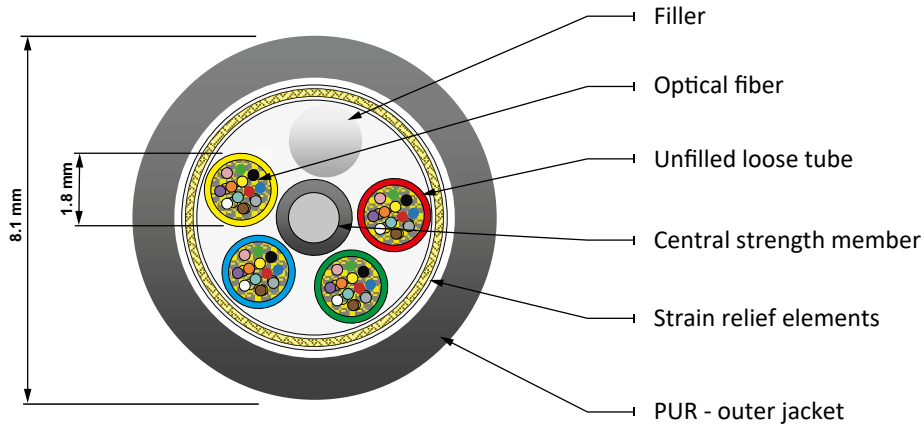




# Cable Datasheet

## opticalCON® MTP® 48 ADVANCED



### Technical Data Cables

Number of fibers	48	
Fiber type	Multi-mode	
Fiber standard	OM3	
Core diameter	50 µm	
Cladding diameter	125 µm	
Secondary buffer diameter	250 µm	
Proof test level	200 kpsi	
Wavelength	850 nm	1300 nm
Bandwidth	1500 MHz/km	500 MHz/km
Attenuation	1000 m	550 m
	2.5 dB/km	0.7 dB/km
Nominal Zero dispersion slope	-	
Cable surface	Black	
Jack Material	Polyvinylchlorid	
Cable weight	48 kg/km	
Cable diameter	8.1 mm	
Installation (static):		
Max. tensile load	1300 N	
Min. bend radius	81 mm	
Operation (dynamic):		
Max. tensile load	1300 N	
Min. bend radius	121 mm	
Impact resistance	-	
Crush resistance	≤ 500 N/cm (according IEC 60794-1-2-E3)	
Number of conductors	-	
Nominal core OD	-	
Conductor resistance	-	
Operation temperature	-40°C to +85°C	
Storage temperature	-20°C to +70°C	
Installation temperature	-5°C to +50°C	
Bend optimized	Yes	
Laser optimized	Yes	

Data subject to change without prior notice. © 2022 NEUTRIK®. NEUTRIK® are registered trademarks of NEUTRIK AG. ALL RIGHTS RESERVED.