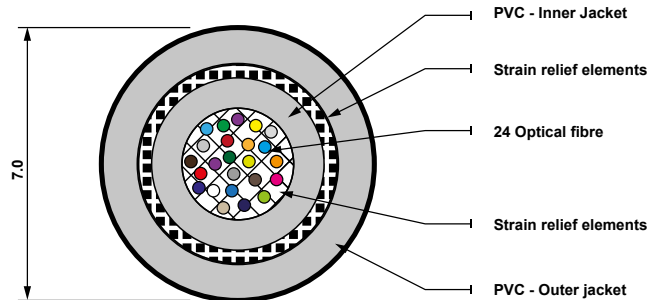




Cable Datasheet

opticalCON® MTP® 24 ADVANCED



Technical Data Cables

Number of fibers	24	24		
Fiber type	Single-mode	Multi-mode		
Fiber standard	G657A2	OM3		
Core diameter	9 µm	50 µm		
Cladding diameter	125 µm	125 µm		
Secondary buffer diameter	250 µm	250 µm		
Proof test level	100 kpsi	200 kpsi		
Wavelength	1310 nm	1550 nm	850 nm	1300 nm
Bandwidth	-	-	1500 MHz/km	500 MHz/km
Attenuation	-	-	1000 m	550 m
	0.35 dB/km	0.21 dB/km	2.5 dB/km	0.7 dB/km
Nominal Zero dispersion slope	-	-	-	-
Cable surface	Black	Black		
Jack Material	Polyvinylchlorid	Polyvinylchlorid		
Cable weight	43 kg/km	43 kg/km		
Cable diameter	7 mm	7 mm		
Installation (static):				
Max. tensile load	1300 N	1300 N		
Min. bend radius	105 mm	105 mm		
Operation (dynamic):				
Max. tensile load	1300 N	1300 N		
Min. bend radius	70 mm	70 mm		
Impact resistance	-	-		
Crush resistance	≤ 500 N/cm (according IEC 60794-1-2-E3)	≤ 500 N/cm (according IEC 60794-1-2-E3)		
Number of conductors	-	-		
Nominal core OD	-	-		
Conductor resistance	-	-		
Operation temperature	-40°C to +85°C	-40°C to +85°C		
Storage temperature	-20°C to +70°C	-20°C to +70°C		
Installation temperature	-5°C to +50°C	-5°C to +50°C		
Bend optimized	Yes	Yes		
Laser optimized	No	Yes		

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