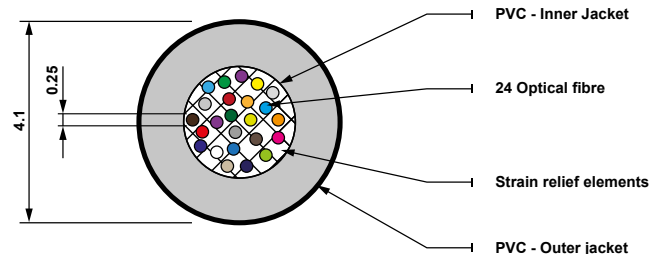




Cable Datasheet

opticalCON® MTP® 24 LITE



Technical Data Cables

Number of fibers	24	24		
Fiber type	Single-mode	Multi-mode		
Fiber standard	G.657.A2	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
Length	-	-	1000 m	550 m
Attenuation	0.36 dB/km	0.22 db/km	2.5 dB/km	0.7 dB/k
Cable surface	Black	Black		
Cable weight	15 kg/km	15 kg/km		
Cable diameter	4.1 mm	4.1 mm		
Installation (static):				
Max. tensile load	400 N	400 N		
Min. bend radius	> 45 mm	> 45 mm		
Operation (dynamic):				
Max. tensile load	400 N	400 N		
Min. bend radius	> 30 mm	> 30 mm		
Impact resistance	-	-		
Crush resistance	500 N/cm (according IEC 60794-1-2E3)	500 N/cm (according IEC 60794-1-2E3)		
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		