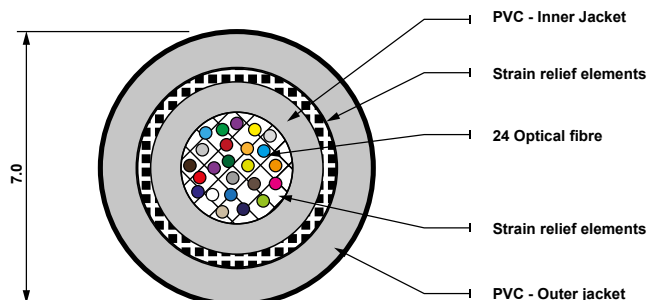




Cable Datasheet

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
	-	-	1000 m	550 m
Attenuation	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	70 mm		70 mm	
Operation (dynamic):				
Max. tensile load	1300 N		1300 N	
Min. bend radius	105 mm		105 mm	
Impact resistance	-		-	
Crush resistance	≤ 500 N/cm		≤ 500 N/cm	
	(according IEC 60794-1-2-E3)		(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	