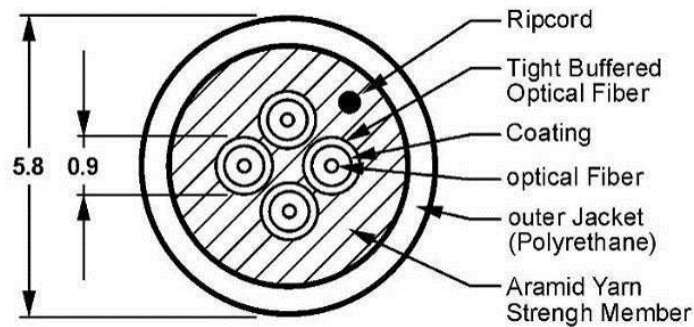




opticalCON | QUAD Cable Datasheet



Number of fibers	4	4
Fiber type	Single mode	Multi-mode
Fiber standard	G657A	OM3
Core diameter	9 μm	50 μm
Cladding diameter	125 μm	125 μm
Secondary buffer diameter	900 μm	900 μm
Proof test level	100kpsi	100kpsi
Wavelength	1300 nm/ 850 nm	1300 nm/ 850 nm
Bandwidth		>1500 MHz/km (850nm) >500 MHz/km (1300nm)
Attenuation	0.35 dB/km (850 nm) 0.21 dB/km (1300 nm)	2.5 / 3.0 dB/km (850 nm) 0.5 / 1.0 dB/km (1300 nm)
Nominal Zero dispersion slope		
Cable surface	Black matt	Black matt
Cable weight	31 kg/km	31 kg/km
Cable diameter	5.8 mm	5.8 mm
Installation:		
Max. tensile load	1600 N	1600N
Min. bend radius	>100 mm	>100 mm
Operation:		
Max. tensile load	800 N	800 N
Min. bend radius	>87mm	>87 mm
Impact resistance	-	
Crush resistance	4000 N/m (according IEC60794-1-2-F5)	4000 N/m (according IEC60794-1-2-E3)
Number of conductors	-	-
Nominal core OD	-	-
Conductor resistance	-	-
Operation temperature	-55°C to +85°C	-55°C to +85°C
Storage temperature	-70°C to +85°C	-70°C to +85°C
Bend optimized	Yes	Yes
Laser optimized	No	Yes