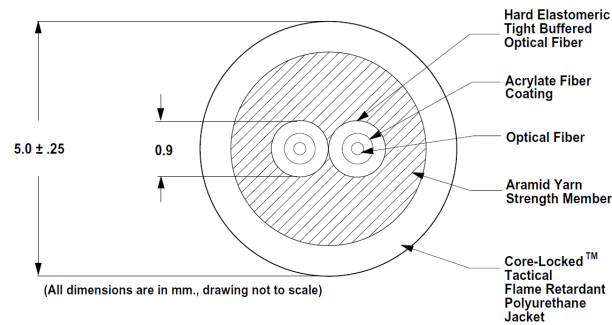




# opticalCON | DUO Cable Datasheet



Fiber type	single mode	multimode
Fiber standard	9 / 125-G657 A	50 / 125-OM3
Bend optimized	Yes	Yes
Laser optimized	No	Yes
Number of fibers	2	2
Core diameter	9 µm	50 µm
Cladding diameter	125 µm	125 µm
Cable surface	V - jacket (gray matt)	V - jacket (gray matt)
Wavelength	1310 nm/1550 nm	850 nm/1300 nm
Attenuation	0.5 dB/km (1310 nm) 0.5 dB/km (1550 nm)	3.5 dB/km (850 nm) 1.5 dB/km (1300 nm)
Bandwidth	-	500 MHz/km
Cable weight	23 kg/km	21 kg/km
Cable diameter	5.0 mm	5.0 mm
Installation:		
Max. tensile load	1800 N	1800 N
Min. bend radius	8.0 cm	8.0 cm
Operation:		
Max. tensile load	600 N	600 N
Min. bend radius	4.0 cm	4.0 cm
Impact resistance	1500 impacts (EIA/TIA-455-25 military req.)	1500 impacts (EIA/TIA-455-25 military req.)
Crush resistance	440 impacts (EIA/TIA-455-41 military req..)	1800 impacts (EIA/TIA-455-41 military req.)
Operation temperature	-40°C to +71°C	-40°C to +71°C
Storage temperature	-55°C to +85°C	-55°C to +85°C