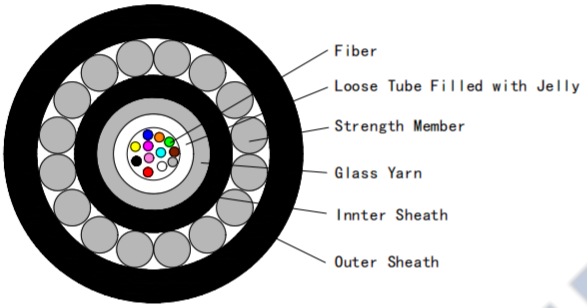
Uni-Loose Tube SWA Single Armored Double Jacke Cable

Temperature Range
Operating : -40℃ to +70℃
Storage : -50℃ to +70℃
Installation : -30℃ to+70℃
Bending Radius:
Static 10D
Dynamic 20D



Description

Steel Wire Armored Double Jacket Uni-Tube optical cable with fibers placed in loose tube. The cable core is protected with jelly to prevent water intrusion and migration, protected with steel wire armor. The whole set cover with a black polyethylene outer jacket.

Product Construction

Fiber:
2-24 fibers
Uni-Loose tube gel-filled
Armor:
Steel wire Armored
Inner Jacket:
Black UV and moisture-resistant polyethylene (PE)
Outer Jacket:
Black UV and moisture-resistant polyethylene (PE).

Features

Double jacket and armor to protect cable from rodent attack
Uni-tube gel-filled construction for superior fiber protection.
Overall Steel wire provide high tensile strength and crush resistant.
Compact, easy to install.
UV and waterproof design. .

Applications

Interbuilding voice or data communication backbones.
Installed in ducts, underground conduits
FTTx.

Cable Structure

Optical Characteristics

Fiber Type		G.652	G.655	50/125μm	62.5/125μm
Attenuation (+20℃)	850 nm			≤3.0 dB/km	≤3.3 dB/km
	1300 nm			≤1.0 dB/km	≤1.0 dB/km
	1310 nm	≤0.36 dB/km	≤0.40 dB/km		
	1550 nm	≤0.22 dB/km	≤0.23 dB/km		
Bandwidth	850 nm			≥500 MHz·km	≥200 Mhz·km
	1300 nm			≥500 MHz·km	≥500 Mhz·km
Numerical Aperture				0.200±0.015 NA	0.275±0.015 NA
Cable Cut-off Wavelength λcc		≤1260 nm	≤1450 nm		

Structure and Technical Specifications

Fiber Count	Nominal Diameter (mm)	Nominal Weight (kg/km)	Allowable Tensile Load (N)		Allowable Crush Resistance (N/100mm)	
			Short Term	Long Term	Short Term	Long Term
1~12	8.5	117	2200	900	1500	600
14~24	9.1	129	2300	1000	1500	600

Note: This datasheet can only be a reference, but not a supplement to the contract. Please contact our sales people for more detailed information.