

Uni-Loose Tube SWA&CST Double Armored Single Jacke Cable



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

Description

GYXTS Uni-Loose Tube Steel Wire Armor Cable and Steel tape armored is designed as a economical armored protection for low fiber counts upto 24fibers. Ideal for duct and underground conduit installation.

Product Construction

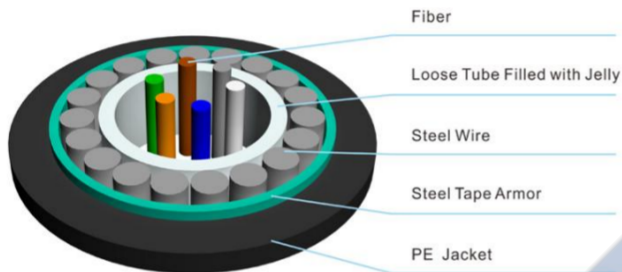
Fiber:
 2-24 fibers
 Uni-Loose tube gel-filled
Inner Armor:
 Steel wire Armored
Outer Armor:
 Steel Tape Armored
Outer Jacket:
 Black UV and moisture-resistant polyethylene (PE).

Features

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



Cable Structure

Optical Characteristics

Fiber Type		G.652	G.655	50/125µm	62.5/125µm
Attenuation (+20°C)	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 λ _{cc}		≤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	8.0	95	2000	800	1500	600
14~24	8.7	114	2100	900	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.