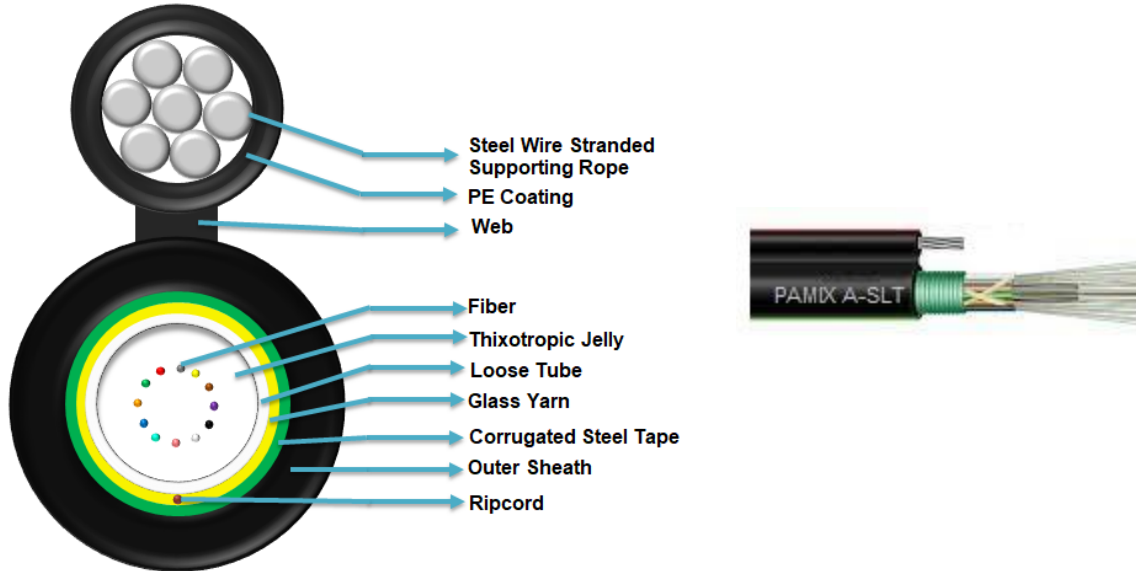


## Aerial Optical Fiber Cable

### A-SLT-SS01 Central Loose Tube, Corrugated Steel Tape, Steel Wire, Single Sheath

(IEC 60794-3-12)



Fiber Type  
Attenuation at 1310 nm  
Attenuation at 1550 nm

SM 9/125 (G.652 d)  
Max. 0.36 dB/km  
Max. 0.22 dB/km

### Application

Aerial installation

### General Construction

Single outer sheath, Central loose tube, Corrugated steel tape, Water blocking swellable material.



## Cable Design

Outer Sheath Material	MDPE & HDPE black according to ASTM D 1248 type II class C
Outer Sheath Thickness	1.6 mm $\pm$ 0.1
Number of Loose Tubes	1
Number of fibers per loose tube	Up to 24 fibers
Loose Buffer Tube	PBT (Polybutylene terephthalate)
Filling Compound in Loose Tube	Thixotropic Jelly Compound
Tube Outer Diameter	2,90 mm $\pm$ 0,07
Tube Inner Diameter	1,90 mm $\pm$ 0,07
Core rapping tape	Water swellable tape
Auxiliary Strength Member	Glass Yarn
Armoring	0.155 mm $\pm$ 0.015 Corrugated Steel Tape
Ripcord	Yes, under outer sheath
Steel Rope Diameter	Nom. 7 X 0.8 mm
Steel Rope Sheath Thickness	Nom. 1.2 $\pm$ 1.0 mm
Cable Outer Diameter	12.0 $\pm$ 0.5 mm
Cable height	15.0 $\pm$ 0.5 mm
Web Dimensions	2.5 X 2.5 mm



## Performance and Standards

No.	Cable Test	Standard	Requirements
1	Tensile Strength (installation)	IEC 60794-1 E1	Min 3.000N
2	Tensile Strength (Operation)	IEC 60794-1 E1	Min 1.800N
3	Temperature Cycling (-30 <sup>0</sup> C to +80 <sup>0</sup> C)	IEC 60794-1-F1	Attenuation Change (Max 0, 5 dB)

Temperature (Installation) from -30<sup>0</sup>C to -60<sup>0</sup>C

Temperature (Operation) from -40<sup>0</sup>C to -80<sup>0</sup>C

### Cable Marking

PAMIX A-SLT-SS01 Aerial Fiber Cable Central Loose Tube Steel Rope <Product Number> <Number of fiber cores> SM 9/125 G.652 d <Lot No.> <meter count>

\* Cable marking can be customized to meet customer needs.

### Delivery

Cable length	2000 meter / Drum
Drum flange diameter	50cm

### Warranty

25 years performance warranty, refer to PAMIX Worldwide warranty terms.



## Ordering Information

Description	Art. Number
PAMIX A-SLT-SS01 Aerial Fiber cable 4 cores, SM G.652 d, single jacket, Steel Tape, Steel Rope	1012801
PAMIX A-SLT-SS01 Aerial Fiber cable 6 cores, SM G.652 d, single jacket, Steel Tape, Steel Rope	1012811
PAMIX A-SLT-SS01 Aerial Fiber cable 8 cores, SM G.652 d, single jacket, Steel Tape, Steel Rope	1012821
PAMIX A-SLT-SS01 Aerial Fiber cable 12 cores, SM G.652 d, single jacket, Steel Tape, Steel Rope	1012831
PAMIX A-SLT-SS01 Aerial Fiber cable 24 cores, SM G.652 d, single jacket, Steel Tape, Steel Rope	1012841