



**Product:** [TT-SLD-006-LSNN](#) 

Transit Grade Indoor/Outdoor Multi-Loose-Tube OS2 6 Fibers Dry Tubes  
2.5mm Corrugated Steel Tape Single Jacket

## Product Description

Transit Grade, Indoor/Outdoor, Multi-Loose-Tube, OS2, 6 Fibers, Dry Tubes 2.5mm, Corrugated Steel Tape, Single Jacket, Black, LSZH, OFCR-ST1

## Technical Specifications

### Product Overview

Product Category:	Fiber Multi-Loose Tube Cable
Suitable Applications:	Extended Distance Horizontal & Backbone Data/Telco Network, Noisy Environment, Indoor/ Outdoor & Wet Locations, Armored, UV Resistant

### Fiber Specifications

Fiber Type:	OS2, G.657.A1, G.652.D
Fiber Diameter:	250 µm
Fiber Count:	6
Fiber Color Coding:	TIA-598-D

### Cable Construction

Number of Active Subunits:	1
Number of Fillers:	4
Fibers Per Subunit:	6
Subunit Waterblocking:	Gel Free
Subunit Diameter:	0.098 in (2.5 mm)
Subunit Color:	TIA-598-D
Central Strength Member Type:	GRP
Core Wrap Material:	Water Block Tape

### Armor Specifications

Armor Type and Material:	CST - Corrugated Steel Tape
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### Outer Jacket Specifications

Strength Member:	Fiberglass Yarns
Jacket Material:	LSZH - Low Smoke Zero Halogen (Flame Retardant)
Nom. Diameter:	0.530 in (13.5 mm)
Outer Jacket Color:	Black
Outer Jacket Ripcord:	2

### Optical Characteristics

Wavelength	1310 nm	1550 nm
Max. Attenuation	0.35 dB/km	0.25 dB/km
10 Gigabit Ethernet Performance	10,000 m	50,000 m
40 Gigabit Ethernet Performance	10,000 m	--
100 Gigabit Ethernet Performance	10,000 m	--

### Mechanical Characteristics

Minimum Bend Radius During Installation:	20 x Cable OD
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Minimum Bend Radius During Operation:	10x Cable OD
Max. Tensile Strength During Installation:	2670 N (600 lbf)
Max. Tensile Strength During Operation:	800N (180lbf)
Crush Resistance:	220 N/cm
Bulk Cable Weight:	130 lbs/kft (193 kg/km)

## Temperature Range

Installation Temperature Range:	-10°C to +60°C
Operating Temperature Range:	-40°C to +70°C
Storage Temperature Range:	-40°C to +70°C

## Standards and Compliance

Environmental Suitability:	Indoor/Outdoor, Sunlight Resistance, Burial
Flammability / Reaction to Fire:	UL1666, UL 1685
NEC / UL Compliance:	OFCR-ST1
CEC / C(UL) Compliance:	FT4
ICEA Compliance:	S-104-696
TIA/EIA Compliance:	568.3, 598-D
European Directive Compliance:	EU Directive 2015/863/EU (RoHS 2 amendment)

## History

Update and Revision:	Revision Number: 0.4 Revision Date: 05-07-2026
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## Part Numbers

### Variants

Item #	Color	Putup Type
TT-SLD-006-LSNN	Black	Reel

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