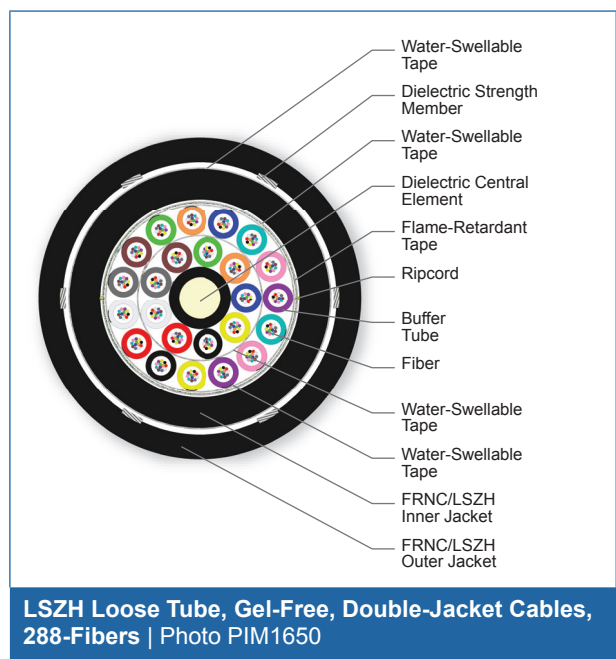
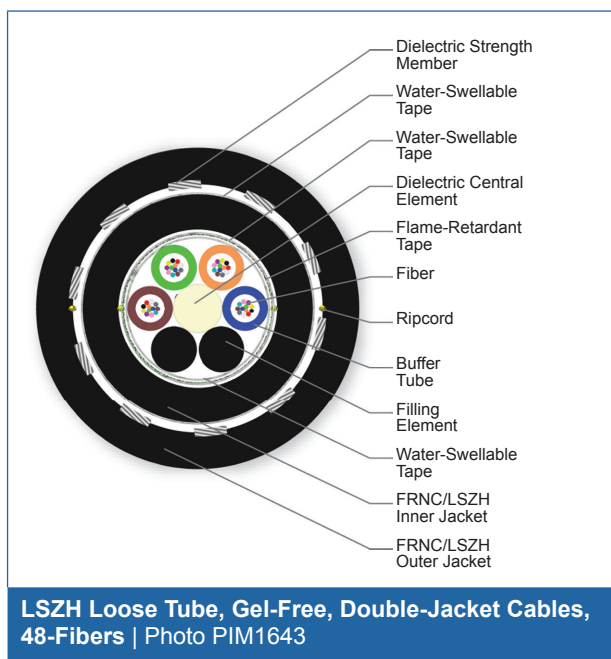


Riser-LSZH™ Indoor/Outdoor, Industrial Tray-Rated, Loose Tube, Gel-Free, Double-Jacket, Rodent-Resistant Cables, 12-288 Fibers



Note: This cable is available in 12 different jacket colors – blue, orange, green, brown, slate, white, red, black, yellow, violet, rose and aqua. The colored jacket allows for easy visual identification of the cables while still providing all of the required environmental protection of an indoor/outdoor cable jacket. Black is the standard jacket color using the part numbers shown here. Contact Customer



Specifications

Temperature Range	
Storage Temperature	-40 °C to 70 °C (-40 °F to 158 °F)
Installation	-30 °C to 60 °C (-22 °F to 140 °F)
Operation	-40 °C to 70 °C (-40 °F to 158 °F)

* Note: Corning recommends storing indoor/outdoor cable in a proper temperature environment prior to installation to allow the cable temperature to meet installation temperature range specifications for best installation results.

Riser-LSZH™ Indoor/Outdoor, Industrial Tray-Rated, Loose Tube, Gel-Free, Double-Jacket, Rodent-Resistant Cables, 12-288 Fibers

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Mechanical Characteristics Cable

Max. Tensile Strength, Short-Term	4500 N (1000 lbf)
Max. Tensile Strength, Long-Term	1500 N (333 lbf)

Fiber Count	Buffer Tube Diameter	Nominal Outer Diameter	Min. Bend Radius Installation	Min. Bend Radius Operation	Weight
12 - 72	2.5 mm (0.1 in)	19.4 mm (0.76 in)	264 mm (10.4 in)	194 mm (7.6 in)	385 kg/km (259 lb/1000 ft)
96	2.5 mm (0.1 in)	22.3 mm (0.87 in)	306 mm (12 in)	223 mm (8.7 in)	503 kg/km (338 lb/1000 ft)
144	2.5 mm (0.1 in)	25.9 mm (1.02 in)	360 mm (14.2 in)	259 mm (10.20 in)	649 kg/km (436 lb/1000 ft)
204 - 216	2.5 mm (0.1 in)	25.2 mm (0.99 in)	350 mm (13.8 in)	252 mm (9.9 in)	591 kg/km (397 lb/1000 ft)
252 - 288	2.5 mm (0.1 in)	28.3 mm (1.11 in)	425 mm (16.7 in)	283 mm (11.1 in)	606 kg/km (407 lb/1000 ft)

Chemical Characteristics

RoHS	Free of hazardous substances according to RoHS 2002/95/EG
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Transmission Performance

Multimode					
Fiber Core Diameter (μm)	62.5	50	50	50	50
Fiber Category	OM1	OM2	OM3	OM4	OM4 Extended Distance
Fiber Code	K	T	T	T	T
Performance Option Code	30	31	80	90	91
Wavelengths (nm)	850/1300	850/1300	850/1300	850/1300	850/1300
Maximum Attenuation (dB/km)	3.4/1.0	3.0/1.0	3.0/1.0	3.0/1.0	3.0/1.0
Serial 1 Gigabit Ethernet (m)	300/550	750/500	1000/600	1100/600	1100/600
Serial 10 Gigabit Ethernet (m)	33/-	150/-	300/-	550/-	600/-
Min. Overfilled Launch (OFL) Bandwidth (MHz*km)	200/500	700/500	1500/500	3500/500	3500/500
Minimum Effective Modal Bandwidth (EMB) (MHz*km)	220/-	950/-	2000/-	4700/-	5350/-

* 50 μm multimode fiber (OM3/OM4/OM4+) meets 0.75 ns optical skew when used in all Corning Plug and Play™/EDGE™ systems solutions.

* 50 μm multimode fiber (OM4) T90 10 Gigabit Ethernet distance assumes 1.0 dB maximum total connector/splice loss.

* 50 μm multimode fiber (OM4) T91 10 Gigabit Ethernet Distance assumes 0.7 dB maximum total connector/splice loss.

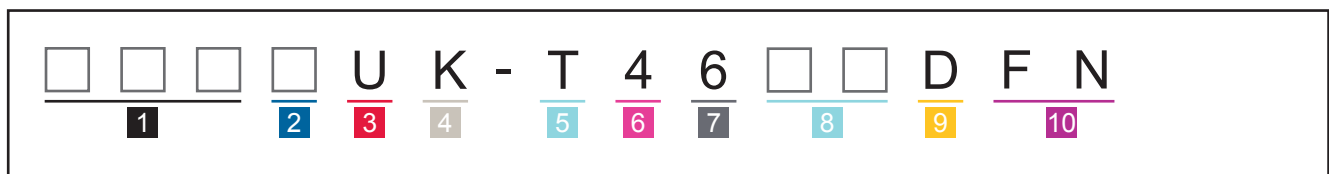
Riser-LSZH™ Indoor/Outdoor, Industrial Tray-Rated, Loose Tube, Gel-Free, Double-Jacket, Rodent-Resistant Cables, 12-288 Fibers

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Single-mode		
Fiber Name	Single-mode (OS2)	SMF-28® Ultra fiber
Fiber Category	G.652.D	G.657.A1
Fiber Code	E	Z
Performance Option Code	01	01
Wavelengths (nm)	1310/1383/1550	1310/1383/1550
Maximum Attenuation (dB/km)	0.4/0.4/0.3	0.4/0.4/0.3
Typical Attenuation* (dB/km)	-	0.33/0.33/0.19

* For more information on typical attenuation please see the Corning whitepaper at http://csmedia.corning.com/opcomm//Resource_Documents/whitepapers_r/LAN-1863-AEN.pdf

Ordering Information | Note: Contact Customer Care at 1-800-743-2675 for other options.



1 Select fiber count.
Standard offerings:
012 - 288
Increments of 12

2 Select fiber code.
K = 62.5 μm multimode (OM1)
T = 50 μm multimode (OM2)
E = Single-mode (OS2)
SMF-28e+®
Z = Single-mode (OS2)
SMF-28® Ultra fiber

3 Defines cable type.
U = Loose tube

4 Defines outer jacket.
K = Riser-LSZH™ Double
Dielectric Cable

5 Defines fiber placement.
T = 12 fibers/buffer tube
(standard)

6 Defines length markings
. 4 = Markings in ft
(standard)

7 Defines tensile strength.
6 = 4500

8 Select performance option code.
30 = 62.5 μm multimode (OM1)
31 = 50 μm multimode (OM2)
80 = 50 μm multimode (OM3)
01 = Single-mode (OS2)
(Max. attenuation 0.4/0.4/0.3 dB/km)

9 Defines cable type.
D = Gel-free cable

10 Defines special manufacturing code.
FN = Industrial tray-rated
rodent-resistant

Riser-LSZH™ Indoor/Outdoor, Industrial Tray-Rated, Loose Tube, Gel-Free, Double-Jacket, Rodent-Resistant Cables, 12-288 Fibers

The CORNING logo is a blue square with the word "CORNING" in white, uppercase, sans-serif font centered inside.

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