CORNING

Outside Plant Fiber Optic Cable

Product Ordering Guide

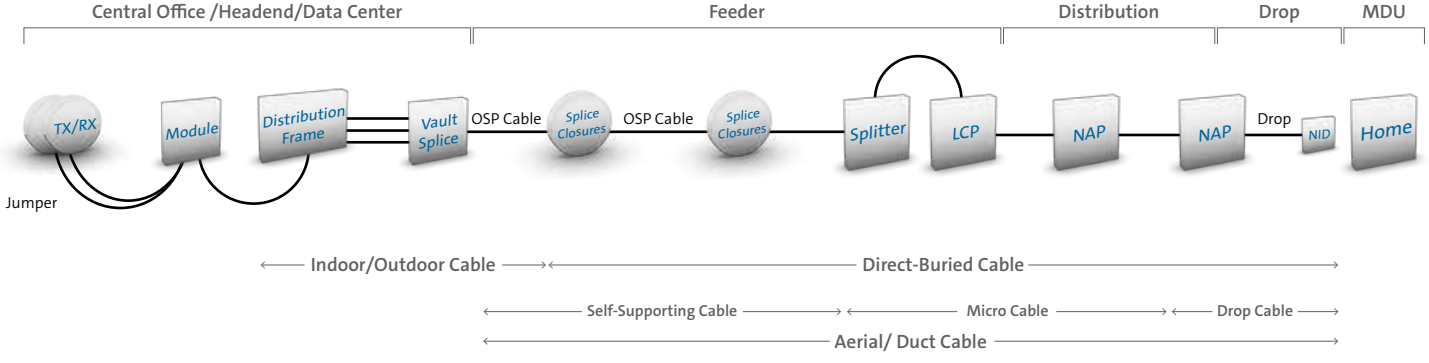
Contents

SMALLER, DENSER, FASTER, EASIER

Corning's invention of the first low-loss optical fiber ignited the critical spark that began a communications revolution that forever changed the world. Today, there are more than 2 billion kilometers of fiber installed around the globe, and Corning continues to lead the industry in product quality and innovation.

Corning cables form the backbone that connects businesses, homes, and people around the globe. We've provided at-a-glance ordering information for all of our fiber optic cables, so you can find the perfect solution for your network.

Outside Plant (OSP) Network Architecture



Outdoor Cable Installation

Aerial

Installing on poles can be quick and cost effective, but rights-of-way can be difficult to obtain.

Technique: Aerial

Cable is suspended between poles or lashed onto a separate aerial messenger wire.

Direct Buried

In the absence of duct infrastructure, some cables can be buried in a trench.

Technique: Direct Buried

Cable is laid in a trench or plowed into the ground (must have protective armor for extra robustness).

Duct

Ducts provide a highly protective environment–useful in urban areas where multiple operators/utilities are present.

Technique: Pulling

Cable is pulled into a duct using a pull tape and winch (not suitable for micro cables). *See jetting under microduct for additional technique option.*

Microduct

Microducts subdivide internal duct space into smaller compartments for high-density cable applications.

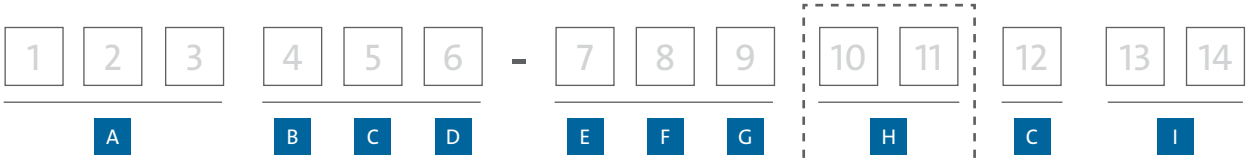
Technique: Jetting

Cable is jetted or blown into a duct or microduct with high-speed air for quick, long-span installations.

Anatomy of a Part Number

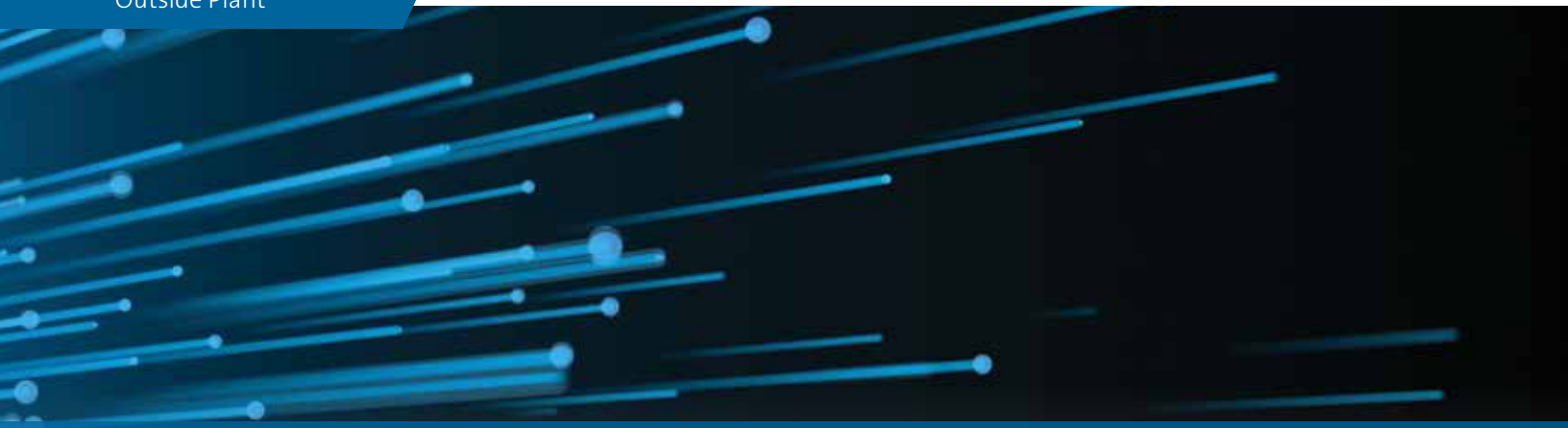
If you have a cable construction and want to build a part number, use the following steps.

Corning's optical cable part numbers have the following format:



- **A** Fiber Count (Digits 1-3)
- **B** Fiber Type (Digit 4)
- **C** Cable Construction (Digits 5 and 12)
- **D** Central Member/Outer Jacket/Flammability Listing (Digit 6)
- **E** Fiber Placement (Digit 7)
- **F** Unit Color/Fiber Color/Length Marking (Digit 8)
- **G** Tensile Rating/Twisted Pairs/Subunit Diameters (Digit 9)
- **H** Transmission Options (Digits 10 and 11)
- **I** Special Manufacturing Needs (Digits 13 and 14)

Transmission Options			
Code	Maximum Attentuation at:		
	1310 nm	1383 nm	1550 nm
00	0.35 dB/km	0.35 dB/km	0.25 dB/km
01	0.40 dB/km	0.40 dB/km	0.30 dB/km
22	0.34 dB/km	0.34 dB/km	0.22 dB/km
31	0.40 dB/km	0.40 dB/km	0.40 dB/km
40	0.34 dB/km	0.34 dB/km	0.20 dB/km



Outdoor Cables

Outside Plant

Fiber optic cables for outdoor applications are engineered to withstand the more demanding conditions seen outside, from environmental extremes to mechanical forces. These are the cables you see strung along telephone poles (aerial), installed inside an underground duct, or even buried directly below ground. Therefore, outdoor cables feature rugged constructions to resist ultra-violet light and temperature fluctuations, and may include features to withstand the requirements of outdoor installation.

All of the cables shown in this section are single-mode fiber. Other fiber counts may be available. Please contact Corning Customer Care at **1-800-743-2671** for more information.

Aerial

Loose Tube
Ribbon
Drop
Self Support

Duct

Loose Tube
Ribbon
Micro
Drop

Direct Buried

Loose Tube
Ribbon
Drop

Aerial

Loose Tube	
ALTOS® Gel-Free Cable with Binderless* FastAccess® Technology, All-Dielectric, Non-Armored SMF-28® Ultra	
Fiber Count	Part Number
12	012ZU4-T4F22D20
24	024ZU4-T4F22D20
48	048ZU4-T4F22D20
72	072ZU4-T4F22D20
ALTOS Gel-Free Cable, All-Dielectric, Non-Armored, Single-mode	
Fiber Count	Part Number
96	096EU4-T4100D20
144	144EU4-T4100D20
288	288EU4-T4100D20
ALTOS Gel-Free Cable, All-Dielectric, Non-Armored SMF-28 Ultra	
Fiber Count	Part Number
432	432ZU4-T4122D20

**Corning's proprietary binderless FastAccess® technology refers to the combination of a Corning FastAccess technology jacket with an innovative technology used to bind cable construction through the manufacturing process, eliminating the use of binder yarns and waterblocking tapes.*

Transmission Options			
Code	Maximum Attentuation at:		
	1310 nm	1383 nm	1550 nm
00	0.35 dB/km	0.35 dB/km	0.25 dB/km
01	0.40 dB/km	0.40 dB/km	0.30 dB/km
22	0.34 dB/km	0.34 dB/km	0.22 dB/km

Ribbon	
SST-Ribbon™ Single-Tube, Gel-Free Cable, Non-Armored	
Fiber Count	Part Number
12	012EC4-14100D53
24	024EC4-14100D53
48	048EC4-14100D53
72	072EC4-14100D53
96	096EC4-14100D53
144	144EC4-14100D53
288	288EC4-14100D53
432	432EC4-14100D53
576	576EC4-14100D53
864	864EC4-14100D53

Drop	
SST-Drop™ Outdoor, Single-Tube, Gel-Filled Dielectric Cable with FastAccess Technology	
Fiber Count	Part Number
1	001EB4-14701A20
2	002EB4-14701A20
4	004EB4-14701A20
6	006EB4-14701A20
12	012EB4-14701A20

ALTOS Figure-8 Loose Tube Cable

Self Support	
SST-Drop, Long-Span, Single-Tube, Self-Supporting, Gel-Filled Cable	
Fiber Count	Part Number
1	001EBA-14101A20
2	002EBA-14101A20
4	004EBA-14101A20
6	006EBA-14101A20
ALTOS Gel-Free Cable, Figure-8, Non-Armored, Single-mode	
Fiber Count	Part Number
12	012EUA-T4100D20
24	024EUA-T4100D20
48	048EUA-T4100D20
72	072EUA-T4100D20
96	096EUA-T4100D20
144	144EUA-T4100D20
288	288EUA-T4100D20

ALTOS Cable Cross Section

ALTOS Cable

Duct

Loose Tube	
ALTOS® Gel-Free Cable with Binderless* FastAccess® Technology, All-Dielectric, Non-Armored SMF-28® Ultra	
Fiber Count	Part Number
12	012ZU4-T4F22D20
24	024ZU4-T4F22D20
48	048ZU4-T4F22D20
72	072ZU4-T4F22D20
ALTOS Gel-Free Cable, All-Dielectric, Non-Armored, Single-mode	
Fiber Count	Part Number
96	096EU4-T4100D20
144	144EU4-T4100D20
288	288EU4-T4100D20
ALTOS Gel-Free Cable, All-Dielectric, Non-Armored SMF-28 Ultra	
Fiber Count	Part Number
432	432ZU4-T4122D20

**Corning's proprietary binderless FastAccess® technology refers to the combination of a Corning FastAccess technology jacket with an innovative technology used to bind cable construction through the manufacturing process, eliminating the use of binder yarns and waterblocking tapes.*

Transmission Options			
Code	Maximum Attentuation at:		
	1310 nm	1383 nm	1550 nm
00	0.35 dB/km	0.35 dB/km	0.25 dB/km
01	0.40 dB/km	0.40 dB/km	0.30 dB/km
22	0.34 dB/km	0.34 dB/km	0.22 dB/km
40	0.34 dB/km	0.34 dB/km	0.20 dB/km

Ribbon	
SST-Ribbon™ Single-Tube, Gel-Free Cable, Non-Armored	
Fiber Count	Part Number
12	012EC4-14100D53
24	024EC4-14100D53
48	048EC4-14100D53
72	072EC4-14100D53
96	096EC4-14100D53
144	144EC4-14100D53
SST-UltraRibbon™ Single-Tube, Gel-Free Cable, Non-Armored	
Fiber Count	Part Number
288	288EV4-14100D53
432	432EV4-14100D53
576	576EV4-14100D53
864	864EV4-14100D53
Corning® RocketRibbon™ Extreme-Density Cable, Non-Armored	
Fiber Count	Part Number
1728	H28ZQ4-14101S53
3456	Y56ZQ4-14101S53

ALTOS Cable Cross Section

SST-Drop Cable Cross Section

ROC Drop Dielectric Cable

Micro		
MiniXtend® Cable with Binderless* FastAccess Technology		
Fiber Count		Part Number
12		012ZM4-T4F22A20
24		024ZM4-T4F22A20
48		048ZM4-T4F22A20
72		072ZM4-T4F22A20
96		096ZM4-T4F22A20
144		144ZM4-T4F22A20
MiniXtend HD Cable with Binderless* FastAccess Technology		
Fiber Count	F/Tube	Part Number
288	24	288ZH4-Y4F40A20
432	36	432ZH4-S4F40A20

Drop	
ROC™ Drop Dielectric Cable with FastAccess Technology	
Fiber Count	Part Number
1	001EB4-14701DF9
SST-Drop™ Outdoor, Single-Tube, Gel-Filled Dielectric Cable with FastAccess Technology	
Fiber Count	Part Number
2	002EB4-14701A20
4	004EB4-14701A20
6	006EB4-14701A20
12	012EB4-14701A20

Direct Buried

Loose Tube	
ALTOS® Gel-Free Cable with Binderless* FastAccess® Technology, Single-Jacket/Single-Armor SMF-28® Ultra	
Fiber Count	Part Number
12	012ZUC-T4F22D20
24	024ZUC-T4F22D20
48	048ZUC-T4F22D20
72	072ZUC-T4F22D20
ALTOS Gel-Free Cable, Single-Jacket/Single-Armor, Single-mode	
Fiber Count	Part Number
96	096EUC-T4100D20
144	144EUC-T4100D20
288	288EUC-T4100D20
ALTOS Gel-Free Cable, Single-Jacket/Single-Armor SMF-28 Ultra	
Fiber Count	Part Number
432	432ZUC-T4122D20

**Corning's proprietary binderless FastAccess® technology refers to the combination of a Corning FastAccess technology jacket with an innovative technology used to bind cable construction through the manufacturing process, eliminating the use of binder yarns and waterblocking tapes.*

Transmission Options			
Code	Maximum Attentuation at:		
	1310 nm	1383 nm	1550 nm
00	0.35 dB/km	0.35 dB/km	0.25 dB/km
01	0.40 dB/km	0.40 dB/km	0.30 dB/km
22	0.34 dB/km	0.34 dB/km	0.22 dB/km

Ribbon	
SST-Ribbon™ Single-Tube, Gel-Free, Armored Cable	
Fiber Count	Part Number
12	012EC5-14100D53
24	024EC5-14100D53
48	048EC5-14100D53
72	072EC5-14100D53
96	096EC5-14100D53
144	144EC5-14100D53
SST-UltraRibbon™ Single-Tube, Gel-Free, Armored Cable	
Fiber Count	Part Number
288	288EV5-14100D53
432	432EV5-14100D53
576	576EV5-14100D53
864	864EV5-14100D53

ALTOS Armored Cable Cross Section

Drop	
SST-Drop™ Single-Tube, Toneable, Gel-Filled Cable	
Fiber Count	Part Number
1	001EB1-14101A20
2	002EB1-14101A20
4	004EB1-14101A20
6	006EB1-14101A20
12	012EB1-14101A20

SST-Ribbon Armored Cable

ALTOS Cable with Binderless* FastAccess Technology

Indoor/Outdoor Cables
Plenum-Rated

Indoor/Outdoor Cables
Plenum-Rated

These cables are designed to meet both the rigorous environment of the outdoors but can also be routed indoors, where flame rating requirements also apply. This type of cable eliminates the need for a "transition splice" to an indoor-rated cable when routing an outdoor cable into the building.

Our plenum-rated cables are rated for both flame and smoke generation in enclosed areas that facilitate environmental air handling. They meet the application requirements of the National Electrical Code® (NEC®) Article 770 and are OFNP and FT-6 listed.

All of the cables shown in this section are single-mode fiber. Other fiber counts may be available. Please contact Corning Customer Care at **1-800-743-2671** for more information.

Aerial
Loose Tube
Tight Buffered

Duct
Loose Tube
Tight Buffered

Direct Buried
Loose Tube
Tight Buffered

Aerial

Loose Tube	
FREEDM® LST™ Loose Tube, Gel-Free Cable, Plenum	
Fiber Count	Part Number
6	006ESP-T4101D20
12	012ESP-T4101D20
FREEDM Loose Tube, Gel-Free Cable, Plenum	
Fiber Count	Part Number
24	024EWP-T4101D20
48	048EWP-T4101D20
72	072EWP-T4101D20

Transmission Options			
Code	Maximum Attentuation at:		
	1310 nm	1383 nm	1550 nm
01	0.40 dB/km	0.40 dB/km	0.30 dB/km
31	0.40 dB/km	0.40 dB/km	0.40 dB/km

FREEDM One Plenum Cable

Tight Buffered	
FREEDM One Tight-Buffered Cable, Plenum	
Fiber Count	Part Number
2	002E8P-31131-29
4	004E8P-31131-29
6	006E8P-31131-29
12	012E8P-31131-29
24	024E8P-31131-29
FREEDM One Unitized, Tight-Buffered Cable, Plenum	
Fiber Count	Part Number
48	048E8P-61131-29
72	072E8P-T3131-29
96	096E8P-Y3131-29
144	144E8P-Y3131-29

6 F FREEDM LST Isometric

12 F FREEDM One Isometric

48 F FREEDM Loose Tube Isometric

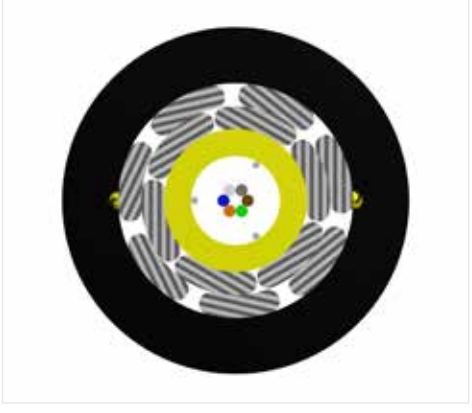
Duct

Loose Tube	
FREEDM® LST™ Loose Tube, Gel-Free Cable, Plenum	
Fiber Count	Part Number
6	006ESP-T4101D20
12	012ESP-T4101D20
FREEDM Loose Tube, Gel-Free Cable, Plenum	
Fiber Count	Part Number
24	024EWP-T4101D20
48	048EWP-T4101D20
72	072EWP-T4101D20

Transmission Options			
Code	Maximum Attentuation at:		
	1310 nm	1383 nm	1550 nm
01	0.40 dB/km	0.40 dB/km	0.30 dB/km
31	0.40 dB/km	0.40 dB/km	0.40 dB/km

FREEDM LST Cable Cross Section

Tight Buffered	
FREEDM One Tight-Buffered Cable, Plenum	
Fiber Count	Part Number
2	002E8P-31131-29
4	004E8P-31131-29
6	006E8P-31131-29
12	012E8P-31131-29
24	024E8P-31131-29
FREEDM One Unitized, Tight-Buffered Cable, Plenum	
Fiber Count	Part Number
48	048E8P-61131-29
72	072E8P-T3131-29
96	096E8P-Y3131-29
144	144E8P-Y3131-29



6 F FREEDM LST End

12 F FREEDM One End

48 F FREEDM Loose Tube End

Direct Buried

Loose Tube	
FREEDM® LST™ Loose Tube, Gel-Free, Interlocking Armor Cable, Plenum	
Fiber Count	Part Number
6	006ESP-T4101DA3
12	012ESP-T4101DA3
FREEDM Loose Tube, Gel-Free, Interlocking Armor Cable, Plenum	
Fiber Count	Part Number
24	024EWP-T4101DA3
48	048EWP-T4101DA3
72	072EWP-T4101DA3

Transmission Options			
Code	Maximum Attentuation at:		
	1310 nm	1383 nm	1550 nm
01	0.40 dB/km	0.40 dB/km	0.30 dB/km
31	0.40 dB/km	0.40 dB/km	0.40 dB/km

FREEDM One Armored Cable

Tight Buffered	
FREEDM One Tight-Buffered, Interlocking Armor Cable, Plenum	
Fiber Count	Part Number
2	002E8P-31131-A3
4	004E8P-31131-A3
6	006E8P-31131-A3
12	012E8P-31131-A3
24	024E8P-31131-A3
FREEDM One Unitized, Tight-Buffered, Interlocking Armor Cable, Plenum	
Fiber Count	Part Number
48	048E8P-61131-A3
72	072E8P-T3131-A3
96	096E8P-Y3131-A3
144	144E8P-Y3131-A3

12 F FREEDM LST Interlocking Armor Isometric

12 F FREEDM One Interlocking Armor Isometric

48 F FREEDM Loose Tube Interlocking Armor Isometric

Indoor/Outdoor Cables

Riser-Rated

These cables are designed to meet both the rigorous environment of the outdoors but can also be routed indoors, where flame rating requirements also apply. This type of cable eliminates the need for a "transition splice" to an indoor-rated cable when routing an outdoor cable into the building.

Riser cables are designed for use in riser and general-purpose environments for intrabuilding backbone and horizontal installations. They meet application requirements of the National Electrical Code® (NEC®) Article 770. They are either OFNR or OFCR and FT-4 listed for riser and general-purpose use.

All of the cables shown in this section are single-mode fiber. Other fiber counts may be available. Please contact Corning Customer Care at **1-800-743-2671** for more information.

Aerial

Loose Tube
Ribbon
Tight Buffered

Duct

Loose Tube
Ribbon
Micro
Drop
Tight Buffered

Direct Buried

Loose Tube
Ribbon
Drop
Tight Buffered

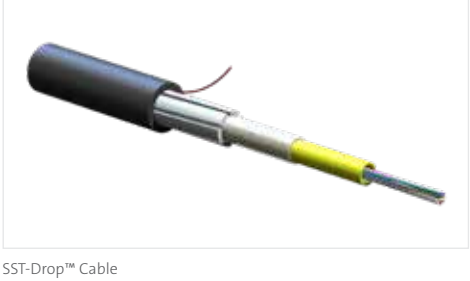
Aerial

Loose Tube	
FREEDM® LST™ Loose Tube, Gel-Free Cable, Riser	
Fiber Count	Part Number
2	002ESF-T4101D20
4	004ESF-T4101D20
6	006ESF-T4101D20
12	012ESF-T4101D20
24	024ESF-T4101D20
FREEDM Loose Tube, Gel-Free Cable, Riser	
Fiber Count	Part Number
48	048EUF-T4101D20
72	072EUF-T4101D20
96	096EUF-T4101D20
144	144EUF-T4101D20
288	288EUF-T4101D20

Transmission Options			
Code	Maximum Attentuation at:		
	1310 nm	1383 nm	1550 nm
01	0.40 dB/km	0.40 dB/km	0.30 dB/km
31	0.40 dB/km	0.40 dB/km	0.40 dB/km

Ribbon	
FREEDM Ribbon, Indoor/Outdoor, Gel-Free Cables, Riser	
Fiber Count	Part Number
12	012ZCF-14101D20
24	024ZCF-14101D20
48	048ZCF-14101D20
72	072ZCF-14101D20
96	096ZCF-14101D20
144	144ZCF-14101D20
FREEDM UltraRibbon™ Gel-Free Cable, Riser	
Fiber Count	Part Number
288	288ZVF-14101D20
432	432ZVF-14101D20
864	864ZVF-14101D20

Tight Buffered	
FREEDM One Tight-Buffered Cable, Riser	
Fiber Count	Part Number
2	002E8F-31131-29
4	004E8F-31131-29
6	006E8F-31131-29
12	012E8F-31131-29
24	024E8F-31131-29
FREEDM One Unitized, Tight-Buffered Cable, Riser	
Fiber Count	Part Number
48	048E8F-61131-29
72	072E8F-T3131-29
96	096E8F-Y3131-29
144	144E8F-Y3131-29



SST-Drop™ Cable

FREEDM LST Cable Cross Section

Duct

Loose Tube	
FREEDM® LST™ Loose Tube, Gel-Free Cable, Riser	
Fiber Count	Part Number
2	002ESF-T4101D20
4	004ESF-T4101D20
6	006ESF-T4101D20
12	012ESF-T4101D20
24	024ESF-T4101D20
FREEDM Loose Tube, Gel-Free Cable, Riser	
Fiber Count	Part Number
48	048EUF-T4101D20
72	072EUF-T4101D20
96	096EUF-T4101D20
144	144EUF-T4101D20
288	288EUF-T4101D20

Transmission Options			
Code	Maximum Attentuation at:		
	1310 nm	1383 nm	1550 nm
01	0.40 dB/km	0.40 dB/km	0.30 dB/km
31	0.40 dB/km	0.40 dB/km	0.40 dB/km

Ribbon	
FREEDM Ribbon, Indoor/Outdoor, Gel-Free Cables, Riser	
Fiber Count	Part Number
12	012ZCF-14101D20
24	024ZCF-14101D20
48	048ZCF-14101D20
72	072ZCF-14101D20
96	096ZCF-14101D20
144	144ZCF-14101D20
FREEDM UltraRibbon™ Gel-Free Cable, Riser	
Fiber Count	Part Number
288	288ZVF-14101D20
432	432ZVF-14101D20
864	864ZVF-14101D20

Micro	
FREEDM MiniXtend® Riser Cable	
Fiber Count	Part Number
12	012ZMF-T4101A20
24	024ZMF-T4101A20
48	048ZMF-T4101A20
72	072ZMF-T4101A20
96	096ZMF-T4101A20
144	144ZMF-T4101A20

SST-Drop Cable

Drop	
SST-Drop™ Indoor/Outdoor, Gel-Free Dielectric Cable with FastAccess® Technology	
Fiber Count	Part Number
1	001UB4-14701-F9
2	002UB4-14701-F9

Tight Buffered	
FREEDM One Tight-Buffered Cable, Riser	
Fiber Count	Part Number
2	002E8F-31131-29
4	004E8F-31131-29
6	006E8F-31131-29
12	012E8F-31131-29
24	024E8F-31131-29
FREEDM One Unitized, Tight-Buffered Cable, Riser	
Fiber Count	Part Number
48	048E8F-61131-29
72	072E8F-T3131-29
96	096E8F-Y3131-29
144	144E8F-Y3131-29

FREEDM One Cable Cross Section

Direct Buried

Loose Tube	
FREEDM® LST™ Loose Tube, Gel-Free, Interlocking Armor Cable, Riser	
Fiber Count	Part Number
2	002ESF-T4101DA1
4	004ESF-T4101DA1
6	006ESF-T4101DA1
12	012ESF-T4101DA1
24	024ESF-T4101DA1
FREEDM Loose Tube, Gel-Free, Interlocking Armor Cable, Riser	
Fiber Count	Part Number
48	048EUF-T4101DA1
72	072EUF-T4101DA1
96	096EUF-T4101DA1
144	144EUF-T4101DA1
288	288EUF-T4101DA1

Transmission Options			
Code	Maximum Attentuation at:		
	1310 nm	1383 nm	1550 nm
01	0.40 dB/km	0.40 dB/km	0.30 dB/km
31	0.40 dB/km	0.40 dB/km	0.40 dB/km

Ribbon	
FREEDM Ribbon, Indoor/Outdoor, Gel-Free, Interlocking Armor Cables, Riser	
Fiber Count	Part Number
12	012ZCF-14101DA1
24	024ZCF-14101DA1
48	048ZCF-14101DA1
72	072ZCF-14101DA1
96	096ZCF-14101DA1
144	144ZCF-14101DA1
FREEDM UltraRibbon™ Gel-Free, Interlocking Armor Cable, Riser	
Fiber Count	Part Number
288	288ZVF-14101DA1
432	432ZVF-14101DA1
864	864ZVF-14101DA1

FREEDM One Cable Cross Section

Drop	
SST-Drop™ Indoor/Outdoor, Gel-Free Cable, Toneable	
Fiber Count	Part Number
1	001UB1-14101-F9
2	002UB1-14101-F9

Tight Buffered	
FREEDM One Tight-Buffered, Interlocking Armor Cable, Riser	
Fiber Count	Part Number
2	002E8F-31131-A1
4	004E8F-31131-A1
6	006E8F-31131-A1
12	012E8F-31131-A1
24	024E8F-31131-A1
FREEDM One Unitized, Tight-Buffered, Interlocking Armor Cable, Riser	
Fiber Count	Part Number
48	048E8F-61131-A1
72	072E8F-T3131-A1
96	096E8F-Y3131-A1
144	144E8F-Y3131-A1

FREEDM One Cable

Indoor/Outdoor Cables

Low-Smoke, Zero-Halogen (LSZH™) Rated

These cables are designed to meet both the rigorous environment of the outdoors but can also be routed indoors, where flame-rating requirements also apply. This type of cable eliminates the need for a "transition splice" to an indoor-rated cable when routing an outdoor cable into the building.

Our low-smoke, zero-halogen (LSZH™) rated cables are flame retardant and eliminate toxic gases produced when water interacts with a burning cable jacket, making them ideal for any application where protection from corrosive gases is critical.

All of the cables shown in this section are single-mode fiber. Other fiber counts may be available. Please contact Corning Customer Care at **1-800-743-2671** for more information.

Aerial

Loose Tube
Ribbon
Drop

Duct

Loose Tube
Ribbon
Drop

Direct Buried

Loose Tube
Ribbon
Drop

Aerial

Loose Tube	
Low-Smoke, Zero-Halogen (LSZH™) LST™ Single-Tube, Gel-Free Cable	
Fiber Count	Part Number
4	004ESZ-T4101D2G
6	006ESZ-T4101D2G
12	012ESZ-T4101D2G
LSZH Loose Tube, Gel-Free, Single-Jacket Cable	
Fiber Count	Part Number
24	024EUZ-T4101D20
48	048EUZ-T4101D20
72	072EUZ-T4101D20
96	096EUZ-T4101D20
144	144EUZ-T4101D20
288	288EUZ-T4101D20

Transmission Options			
Code	Maximum Attentuation at:		
	1310 nm	1383 nm	1550 nm
01	0.40 dB/km	0.40 dB/km	0.30 dB/km

Ribbon	
LSZH Ribbon Gel-Filled Cable	
Fiber Count	Part Number
24	024ZCZ-14101-20
48	048ZCZ-14101-20
72	072ZCZ-14101-20
96	096ZCZ-14101-20
144	144ZCZ-14101-20
LSZH UltraRibbon™ Gel-Free Cable	
Fiber Count	Part Number
288	288ZVZ-14101D20
432	432ZVZ-14101D20
864	864ZVZ-14101D20

LSZH UltraRibbon Cable

Drop	
SST-Drop™ FREEDM® LSZH Riser Cable	
Fiber Count	Part Number
1	001EBZ-14101A20
2	002EBZ-14101A20
4	004EBZ-14101A20
6	006EBZ-14101A20
12	012EBZ-14101A20

LSZH UltraRibbon Cable Cross Section

Duct

Loose Tube	
Low-Smoke, Zero-Halogen (LSZH™) LST™ Single-Tube, Gel-Free Cable	
Fiber Count	Part Number
4	004ESZ-T4101D2G
6	006ESZ-T4101D2G
12	012ESZ-T4101D2G
LSZH Loose Tube, Gel-Free, Single-Jacket Cable	
Fiber Count	Part Number
24	024EUZ-T4101D20
48	048EUZ-T4101D20
72	072EUZ-T4101D20
96	096EUZ-T4101D20
144	144EUZ-T4101D20
288	288EUZ-T4101D20

Transmission Options			
Code	Maximum Attentuation at:		
	1310 nm	1383 nm	1550 nm
01	0.40 dB/km	0.40 dB/km	0.30 dB/km

Ribbon	
LSZH Ribbon Gel-Filled Cable	
Fiber Count	Part Number
24	024ZCZ-14101-20
48	048ZCZ-14101-20
72	072ZCZ-14101-20
96	096ZCZ-14101-20
144	144ZCZ-14101-20
LSZH UltraRibbon™ Gel-Free Cable	
Fiber Count	Part Number
288	288ZVZ-14101D20
432	432ZVZ-14101D20
864	864ZVZ-14101D20

LSZH UltraRibbon Cable

Drop	
SST-Drop™ FREEDM® LSZH Riser Cable	
Fiber Count	Part Number
1	001EBZ-14101A20
2	002EBZ-14101A20
4	004EBZ-14101A20
6	006EBZ-14101A20
12	012EBZ-14101A20

LSZH UltraRibbon Cable Cross Section

Direct Buried

Loose Tube	
Low-Smoke, Zero-Halogen (LSZH™) Loose Tube, Gel-Free, Interlocking Armored Cable	
Fiber Count	Part Number
6	006EUZ-T4101DAZ
12	012EUZ-T4101DAZ
24	024EUZ-T4101DAZ
48	048EUZ-T4101DAZ
72	072EUZ-T4101DAZ
96	096EUZ-T4101DAZ
144	144EUZ-T4101DAZ
288	288EUZ-T4101DAZ

Transmission Options			
Code	Maximum Attentuation at:		
	1310 nm	1383 nm	1550 nm
01	0.40 dB/km	0.40 dB/km	0.30 dB/km

48 F LSZH Ribbon Interlocking Armor Isometric

Ribbon	
LSZH Ribbon Gel-Filled Armored Cable	
Fiber Count	Part Number
24	024ZCZ-14101-AZ
48	048ZCZ-14101-AZ
72	072ZCZ-14101-AZ
96	096ZCZ-14101-AZ
144	144ZCZ-14101-AZ
LSZH UltraRibbon™ Gel-Free Armored Cable	
Fiber Count	Part Number
288	288ZVZ-14101DAZ
432	432ZVZ-14101DAZ
864	864ZVZ-14101DAZ

LSZH Armored Cable

LSZH Armored Cable Cross Section

864 F LSZH Ribbon Gel-Free Interlocking Armor End

864 F LSZH Ribbon Gel-Free Interlocking Armor Isometric

LET'S **CONNECT!**

Customer Care
1-800-743-2675

Corning Optical Communications
corning.com/fiber-optic-cables

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