

Order Guide

ALTOS® All-Dielectric Cables

2-288 Fibers

An Evolant™ Solutions Product

Corning
Cable Systems LLC

Transmission Performance Table

Fiber Code	K	C	E	E
Performance Option Code	30	31	01	00
Fiber type	62.5/125 µm	50/125 µm	Single-mode	Single-mode
Maximum Attenuation (dB/km)	3.5/1.0	3.5/1.5	0.4/0.4/.03	0.35/.035/0.25
Minimum LED Bandwidth (MHz-km)	200/500	500/500	-/-/-	-/-/-
Minimum Effective Modal Bandwidth (MHz-km)	220/-*	510/-*	-/-/-	-/-/-
Serial Gigabit Ethernet Distance (m)	300/550	600/600	5000/-/-	5000/-/-
Serial 10 Gigabit Ethernet Distance (m)	33/-	82/-	10000/40000	10000/40000

*EMB when deployed with 850 nm, 1 Gb/s VCSELs as predicted by RML bandwidth using FOTP-204.

Ordering Information

Contact Customer Service for other options.

□ □ □ □ W □ - T □ 1 □ □ A □ □
1 2 3 4 5 6 7 8 9 10 11 12 13 14

1 - 3 Select Fiber count (002 to 288)

4 Select fiber code (see Transmission Performance Table)

5 / 12 Defines cable type
 W/A = ALTOS Cable

6 Defines jacket
 4 = Non Armor
 5 = Single Armor Double Jacket
 C = Single Armor Single Jacket

7 Defines fiber placement
 T = 12 fiber/buffer tube (standard)

8 Select length markings
 4 = Markings in feet (standard)
 3 = Markings in meters

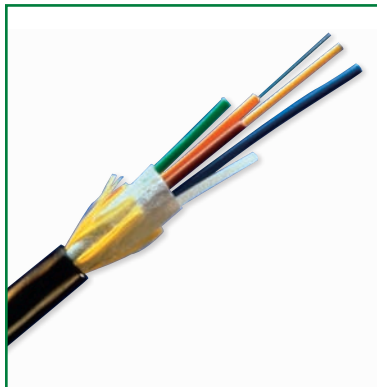
9 Defines tensile strength
 1 = 2700 N/600 lb (standard)

10 - 11 Select performance option code
 (see Transmission Performance Table)

13 - 14 Defines special requirements
 21 = RUS markings



Single Mode Non-Armored



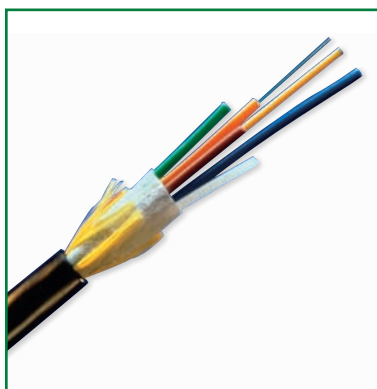
EW4

Single Mode, Non-Armored, Single-Jacket, .4/.3 Attenuation

EW4 (Single mode, non-armored, dielectric central member, .4/.3 attenuation, marked in feet). This loose tube cable is designed for outdoor and limited indoor use. The loose tube design provides stable and highly reliable transmission parameters for a variety of voice, data, video, and imaging applications. The design also provides high fiber density within a given cable diameter while allowing flexibility to suit many system designs.

Corning Cable Systems LLC

Item No.	Mfg. Part No.	Unit of Measure
0000092119	006EW4-T4101A21	FT
0000092125	012EW4-T4101A21	FT
0000092131	024EW4-T4101A21	FT
0000092137	036EW4-T4101A21	FT
0000092143	048EW4-T4101A21	FT
0000092149	060EW4-T4101A21	FT
0000092155	072EW4-T4101A21	FT
0000092161	096EW4-T4101A21	FT
0000092179	144EW4-T4101A21	FT
0000092197	288EW4-T4101A21	FT



EW4

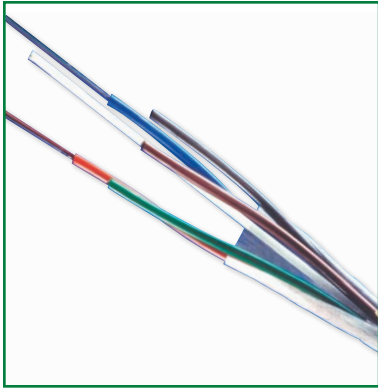
Single Mode, Non-Armored, Single-Jacket, .35/.25 Attenuation

EW4 (Single mode, non-armored, dielectric central member, .35/.25 attenuation, marked in feet). This loose tube cable is designed for outdoor and limited indoor use. The loose tube design provides stable and highly reliable transmission parameters for a variety of voice, data, video, and imaging applications. The design also provides high fiber density within a given cable diameter while allowing flexibility to suit many system designs.

Corning Cable Systems LLC

Item No.	Mfg. Part No.	Unit of Measure
0000092118	006EW4-T4100A21	FT
0000092124	012EW4-T4100A21	FT
0000092130	024EW4-T4100A21	FT
0000092136	036EW4-T4100A21	FT
0000092142	048EW4-T4100A21	FT
0000106125	060EW4-T4100A21	FT
0000092154	072EW4-T4100A21	FT
0000092160	096EW4-T4100A21	FT
0000092179	144EW4-T4100A21	FT
0000092196	288EW4-T4100A21	FT

Single Mode Single-Armor Single-Jacket



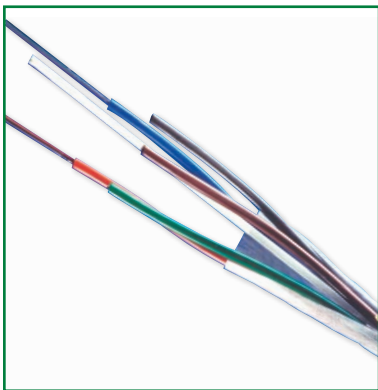
EWC

Single Mode, Single-Armor, Single-Jacket, .4/3 Attenuation

EWC (Single mode, single armored, single jacket dielectric central member, .4/3 attenuation, marked in feet). This loose tube cable is designed for outdoor and limited indoor use. The loose tube design provides stable and highly reliable transmission parameters for a variety of voice, data, video, and imaging applications. The design also provides high fiber density within a given cable diameter while allowing flexibility to suit many system designs.

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Item No.	Mfg. Part No	Unit of Measure
0000092123	006EWC-T4101A21	FT
0000092129	012EWC-T4101A21	FT
0000092135	024EWC-T4101A21	FT
0000092141	036EWC-T4101A21	FT
0000092147	048EWC-T4101A21	FT
0000092153	060EWC-T4101A21	FT
0000092159	072EWC-T4101A21	FT
0000092165	096EWC-T4101A21	FT
0000092183	144EWC-T4101A21	FT
0000092201	288EWC-T4101A21	FT



EWC

Single Mode, Single-Armor, Single-Jacket, .35/.25 Attenuation

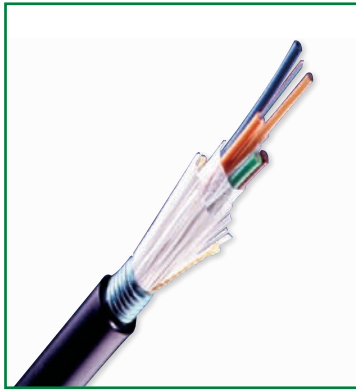
EWC (Single mode, single armored, single jacket dielectric central member, .35/.25 attenuation, marked in feet). This loose tube cable is designed for outdoor and limited indoor use. The loose tube design provides stable and highly reliable transmission parameters for a variety of voice, data, video, and imaging applications. The design also provides high fiber density within a given cable diameter while allowing flexibility to suit many system designs.

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Item No.	Mfg. Part No	Unit of Measure
0000092122	006EWC-T4100A21	FT
0000092128	012EWC-T4100A21	FT
0000092134	024EWC-T4100A21	FT
0000092140	036EWC-T4100A21	FT
0000092146	048EWC-T4100A21	FT
0000092152	060EWC-T4100A21	FT
0000092158	072EWC-T4100A21	FT
0000092164	096EWC-T4100A21	FT
0000092182	144EWC-T4100A21	FT
0000092200	288EWC-T4100A21	FT



Single Mode, Single-Armor, Double-Jacket



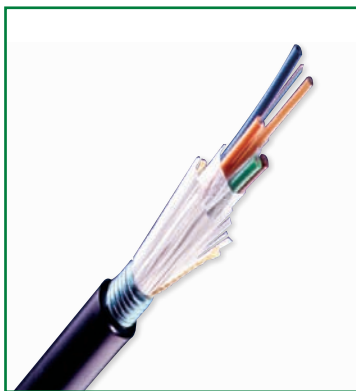
EW5

Single Mode, Single-Armor, Double-Jacket, .4/.3 Attenuation

EW5 (Single mode, single-armed, double-jacket dielectric central member, .4/.3 attenuation, marked in feet). This loose tube cable is designed for outdoor and limited indoor use. The loose tube design provides stable and highly reliable transmission parameters for a variety of voice, data, video, and imaging applications. The design also provides high fiber density within a given cable diameter while allowing flexibility to suit many system designs.

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Item No.	Mfg. Part No.	Unit of Measure
0000092121	006EW5-T4101A21	FT
0000092127	012EW5-T4101A21	FT
0000092133	024EW5-T4101A21	FT
0000092139	036EW5-T4101A21	FT
0000092145	048EW5-T4101A21	FT
0000092151	060EW5-T4101A21	FT
0000092157	072EW5-T4101A21	FT
0000092163	096EW5-T4101A21	FT
0000098274	144EW5-T4101A21	FT
0000092199	288EW5-T4101A21	FT



EW5

Single Mode, Single-Armor, Double-Jacket, .35/.25 Attenuation

EW5 (Single mode, single armored, double jacket dielectric central member, .35/.25 attenuation, marked in feet). This loose tube cable is designed for outdoor and limited indoor use. The loose tube design provides stable and highly reliable transmission parameters for a variety of voice, data, video, and imaging applications. The design also provides high fiber density within a given cable diameter while allowing flexibility to suit many system designs.

Corning Cable Systems LLC

Item No.	Mfg. Part No.	Unit of Measure
0000092120	006EW5-T4100A21	FT
0000092126	012EW5-T4100A21	FT
0000092132	024EW5-T4100A21	FT
0000092138	036EW5-T4100A21	FT
0000092144	048EW5-T4100A21	FT
0000092150	060EW5-T4100A21	FT
0000092156	072EW5-T4100A21	FT
0000092162	096EW5-T4100A21	FT
0000092180	144EW5-T4100A21	FT
0000092198	288EW5-T4100A21	FT



Single Mode Ribbon Cables



SST-Ribbon™ Cables

Corning Cable Systems SST-Ribbon Cable contains readily identifiable 12-fiber ribbons in a filled buffer tube. Steel or dielectric rods placed 180 degrees apart in the cable's jacket provide the required tensile strength for armored and dielectric constructions, respectively. This cable design exhibits excellent water blocking performance and is jacketed with a polyethylene outer jacket. Armored cables include a copolymer-coated steel tape armoring. Available in 62.5 μm, 50 μm, single-mode and hybrid versions.

- 12-216 Fibers
 - xxxEC4-14101-53 Dielectric
 - xxxEC5-14101-53 Armored
- (xxx represents fiber count)

Corning Cable Systems LLC

Item No.	Mfg. Part No.	Armored
0000149894	024EC4-14101-53	No
0000163863	072EC4-14101-53	No
0000133238	096EC4-14101-53	No
0000159886	012EC5-14101-53	Yes
0000159887	024EC5-14101-53	Yes
0000180861	036EC5-14101-53	Yes
0000159889	048EC5-14101-53	Yes
0000168087	96EC5-14101-53	Yes
0000168088	120EC5-14101-53	Yes
0000168089	144EC5-14101-53	Yes



SST-UltraRibbon™ Cables

Corning Cable Systems SST-UltraRibbon Cable provides the ultimate solution for outdoor high-fiber-count applications. Available in fiber counts from 240-432, 576, 720, or 864 fibers, SST-UltraRibbon cables provide the most fibers in the smallest cable design to maximize use of critical duct space. Corning Cable Systems' patented design uses both 24- and 36- fiber ribbons within a central tube to minimize the buffer tube and cable dimensions for the smallest and lightest cables in the industry for superb installation results. Dielectric, single-armor and toneable versions are available to provide the widest range of installation options.

- 240-864 Fibers
 - xxxEV4-14101-53 Dielectric
 - xxxEV5-14101-53 Armored
- (xxx represents fiber count)

Corning Cable Systems LLC

Item No.	Mfg. Part No.	Armored
0000174538	336EV4-14101-53	No
0000069499	432EV4-14101-53	No
0000174539	576EV4-14101-53	No
0000174540	720EV4-14101-53	No
0000069501	864EV4-14101-53	No
0000168090	240EV5-14101-53	Yes
0000177476	264EV5-14101-53	Yes
0000168091	288EV5-14101-53	Yes
0000174859	336EV5-4101-53	Yes
0000177236	384EV5-14101-53	Yes
0000174860	576EV5-14101-53	Yes
0000174861	720EV5-14101-53	Yes
0000172497	864EV5-14101-53	Yes



Single Mode Ribbon Gel-Free Cables



SST-Ribbon™ Gel-Free Cables

Corning Cable Systems SST-Ribbon Gel-Free Cables represent a truly innovative breakthrough in outside plant cable technology and introduce a new generation of totally dry (gel-free) cables. The cable consists of a single buffer tube that contains a stack of up to eighteen 12-fiber ribbons wrapped within a water-swellable foam tape. This central buffer tube is surrounded by a second water-swellable tape. Dielectric or steel strength members located 180 degrees apart under the cable jacket provide tensile and anti-buckling strength. The cable is jacketed with a black UV-resistant polyethylene sheath. Armored cables include a copolymer-coated corrugated steel tape armor layer.

- 12-216 Fibers
 - xxxEC4-14101-D53 Dielectric
 - xxxEC5-14101-D53 Armored
- (xxx represents fiber count)

Corning Cable Systems LLC

Item No.	Mfg. Part No.	Armored
0000172985	024EC4-14100-D53	No
0000161108	144EC4-14101-D53	No
0000174626	024EC5-14101-D53	Yes
0000174628	048EC5-14101-D53	Yes
0000172493	072EC5-14101-D53	Yes
0000172494	144EC5-14101-D53	Yes
0000172495	216EC5-14101-D53	Yes



SST-UltraRibbon™ Gel-Free Cables

Corning Cable Systems SST-UltraRibbon Gel-Free Cables continue the revolution in outdoor cable design by introducing a new generation of high-fiber-count gel-free cables. This cable consists of a single buffer tube containing a stack of up to eighteen 24-fiber ribbons wrapped within a protective water-swellable foam tape. This central buffer tube is surrounded by a second water-swellable tape. Dielectric or steel strength members located 180 degrees apart under the cable jacket provide tensile and anti-buckling strength. The cable is jacketed with a black UV-resistant polyethylene sheath. Armored cables include a copolymer-coated corrugated steel tape armor layer.

- 288-432 Fibers
 - xxxEV4-14101-D53 Dielectric
 - xxxEV5-14101-D53 Armored
- (xxx represents fiber count)

Corning Cable Systems LLC

Item No.	Mfg. Part No.	Armored
TBD	288EV4-14101-D53	No
TBD	432EV4-14101-D53	No
0000176437	288EV5-14100-D53	Yes
0000172496	432EV5-14101-D53	Yes

Drop Cable Assembly



OptiFit Drop Cable Assembly
(single-fiber)

OptiFit® Drop Cable Assembly

As an industry leader in optical connectivity products, Corning Cable Systems designs and manufactures the OptiFit Drop Cable Assembly with factory-terminated, environmentally-sealed and hardened connectors to reduce the cost and the time of drop cable deployment in optical access networks. The OptiFit Drop Cable Assembly is specifically designed to significantly reduce required drop cable installation time for subscriber connection, thereby reducing the total installed cost of connectorization. It also provides superior durability and reliability in the drop segment of the network.

Corning Cable Systems LLC

Mfg. Part No.	Description
434301EB4FD200F-P	OptiFit to OptiFit Cable Assembly, xxx ft, Dielectric Flat Drop, (Coil Packaging)
434301EB1TD300F-P	OptiFit to OptiFit Cable Assembly, xxx ft, Toneable Flat Drop, Equipped with Reel Packaging
434301EB4FDxxxF-P	OptiFit to OptiFit Cable Assembly, xxx ft, Dielectric Flat Drop, (Coil Packaging)
434301EB1TDxxxF-P	OptiFit to OptiFit Cable Assembly, xxx ft, Toneable Flat Drop, Equipped with Reel Packaging



OmniReach Indoor/Outdoor Drop
Cable Assembly

OmniReach™ FTTX Solutions Indoor/Outdoor Drop Cable Assemblies

ADC's rugged, high performance Indoor/Outdoor Drop Cables are used in FTTP networks to make drop connections from Fiber Distribution Terminals to the Optical Network Terminal (ONT) at the living unit typically found in multiple dwelling unit (MDU) applications. Applications include, but are not limited to situations where cables are transitioning from an outdoor to indoor environment. The bulk non-connectorized cable is shipped on small spools for easy payoff.

Ordering Information ADC

- 100% optical testing to guarantee performance
- 100% visual end face inspection that assures process control and product reliability
- Factory terminations to save installation costs
- Optimal performance creates minimal affect on system loss budget
- Standard Lengths of 50, 100, 150, 200, 250 and 300 feet
- Shipped on small spools for ease of handling