

SOLO® All-Dielectric Self-Supporting Cables 2-288 Fibers



Features and Benefits

Available with a proprietary trackresistant polyethylene (TRPE) jacket

Suitable for installations in electric field potentials up to 25 kV

Concentric, selfsupporting cable design

Allows easy, one-step installation, using standard hardware and installation methods

Innovative waterblocking technology

Eliminates the need for traditional flooding compound and provides efficient and craft-friendly cable preparation

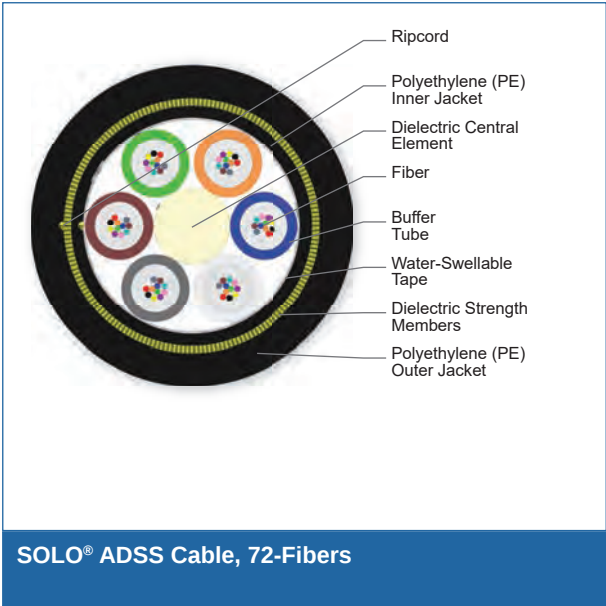
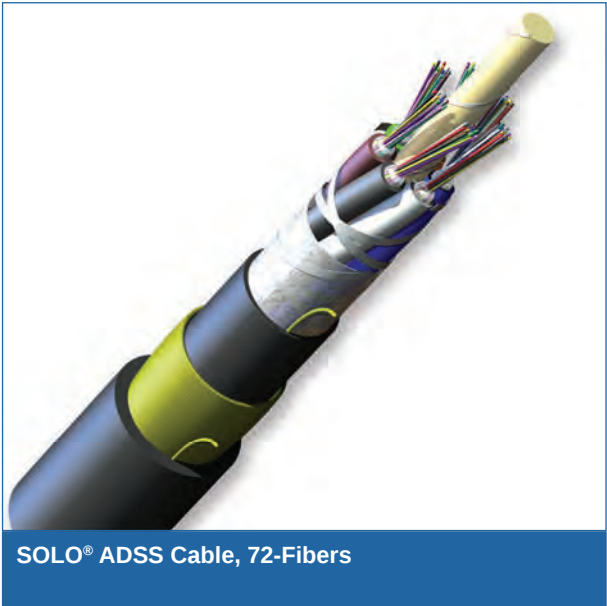
SZ-stranded, loose tube design

Isolates fibers from installation and environmental rigors and facilitates mid-span access

Corning SOLO® cables are all-dielectric, self-supporting (ADSS) cables designed for easy and economical one-step installation in campus backbones with self-supporting installations where metallic messengers cannot be used. The loose tube design provides stable performance over a wide temperature range and is compatible with any telecommunications-grade optical fiber. This cable incorporates innovative waterblocking materials, eliminating the need for traditional flooding compound and providing efficient and craft-friendly cable preparation. While the concentric, self-supporting cable design allows easy, one-step installation, using standard hardware and installation methods, the SZ-stranded, loose tube design isolates optical fibers from installation and environmental rigors and facilitates mid-span access. The ADSS cables are also available with a proprietary track-resistant polyethylene (TRPE) jacket suitable for installation in electric field potentials up to 25 kV.

Standards

Approvals and Listings	USDA Rural Development Programs
Common Installations	Outdoor self-supporting aerial
Design and Test Criteria	ANSI/ICEA S-87-640

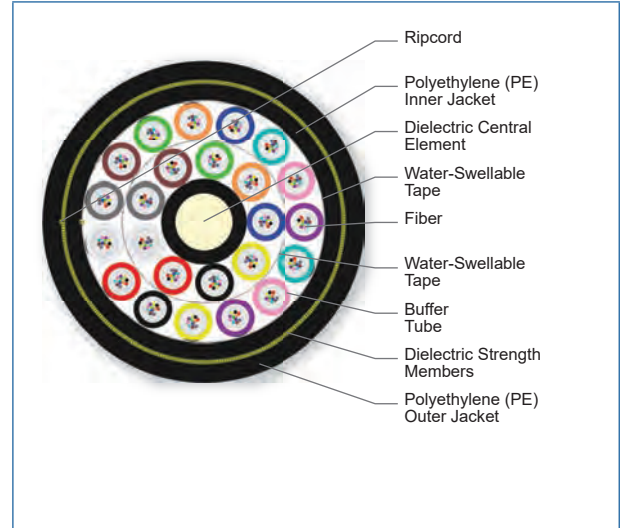


SOLO® All-Dielectric Self-Supporting Cables 2-288 Fibers

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SOLO® ADSS Cable, 288-Fibers



SOLO® ADSS Cable, 288-Fibers

Specifications

Temperature Range

Storage	-40 °C to 75 °C (-40 °F to 167 °F)
Installation	-30 °C to 70 °C (-22 °F to 158 °F)
Operation	-40 °C to 70 °C (-40 °F to 158 °F)

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

Fiber Count	Number of Tube Positions	Number of Active Tubes	Weight	Nominal Outer Diameter	Min. Bend Radius Installation	Min. Bend Radius Operation
Span Code 2						
12 - 72	6	1 - 6	138 kg/km (93 lb/1000 ft)	13.5 mm (0.53 in)	203 mm (8.0 in)	135 mm (5.3 in)
192 - 216	18	16 - 18	281 kg/km (189 lb/1000 ft)	19.7 mm (0.78 in)	296 mm (11.6 in)	197 mm (7.8 in)
288	24	24	421 kg/km (283 lb/1000 ft)	23.9 mm (0.94 in)	358 mm (14.1 in)	239 mm (9.4 in)
Span Code 4						
96	8	8	181 kg/km (122 lb/1000 ft)	15.5 mm (0.61 in)	233 mm (9.2 in)	155 mm (6.1 in)
144	12	12	320 kg/km (215 lb/1000 ft)	20.5 mm (0.81 in)	308 mm (12.1 in)	205 mm (8.1 in)
192 - 216	18	16 - 18	284 kg/km (191 lb/1000 ft)	19.9 mm (0.78 in)	299 mm (11.8 in)	199 mm (7.8 in)

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SOLO® All-Dielectric Self-Supporting Cables

2-288 Fibers

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Fiber Count	Number of Tube Positions	Number of Active Tubes	Weight	Nominal Outer Diameter	Min. Bend Radius Installation	Min. Bend Radius Operation
Span Code 5						
12 - 72	6	1 - 6	148 kg/km (99 lb/1000 ft)	14.0 mm (0.55 in)	210 mm (8.3 in)	140 mm (5.5 in)
Span Code 6						
288	24	24	434 kg/km (292 lb/1000 ft)	24.3 mm (0.96 in)	365 mm (14.4 in)	243 mm (9.6 in)
Span Code 8						
192 - 216	18	16 - 18	332 kg/km (224 lb/1000 ft)	21.5 mm (0.85 in)	323 mm (12.7 in)	215 mm (8.5 in)
Span Code A						
12 - 72	6	1 - 6	193 kg/km (130 lb/1000 ft)	16.2 mm (0.64 in)	243 mm (9.6 in)	162 mm (6.4 in)
144	12	12	329 kg/km (221 lb/1000 ft)	20.8 mm (0.82 in)	312 mm (12.3 in)	208 mm (8.2 in)
192 - 216	18	16 - 18	341 kg/km (229 lb/1000 ft)	21.8 mm (0.86 in)	327 mm (12.9 in)	218 mm (8.6 in)
288	24	24	449 kg/km (302 lb/1000 ft)	24.8 mm (0.98 in)	372 mm (14.7 in)	248 mm (9.8 in)
Span Code B						
96	8	8	235 kg/km (158 lb/1000 ft)	17.8 mm (0.70 in)	267 mm (10.5 in)	178 mm (7.0 in)
192 - 216	18	16 - 18	349 kg/km (235 lb/1000 ft)	22.1 mm (0.87 in)	332 mm (13.1 in)	221 mm (8.7 in)
Span Code C						
12 - 72	6	1 - 6	207 kg/km (139 lb/1000 ft)	16.8 mm (0.66 in)	252 mm (9.9 in)	168 mm (6.6 in)
96	8	8	239 kg/km (160 lb/1000 ft)	18.0 mm (0.71 in)	270 mm (10.6 in)	180 mm (7.1 in)
144	12	12	337 kg/km (226 lb/1000 ft)	21.1 mm (0.83 in)	317 mm (12.5 in)	211 mm (8.3 in)
288	24	24	456 kg/km (306 lb/1000 ft)	25.0 mm (0.98 in)	375 mm (14.8 in)	250 mm (9.8 in)
Span Code E						
12-72	6	1-6	211 kg/km (142 lb/1000 ft)	17.1 mm (0.673 in)	257 mm (10.12 in)	171 mm (6.73 in)
288	24	24	462.80 kg/km (310 lb/1000 ft)	25.3 mm (0.996 in)	380 mm (14.96 in)	253 mm (9.96 in)

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Fiber Count	Number of Tube Positions	Number of Active Tubes	Weight	Nominal Outer Diameter	Min. Bend Radius Instal- lation	Min. Bend Radius Ope- ration
Span Code F						
96	8	8	248 kg/km (167 lb/1000 ft)	18.4 mm (0.72 in)	276 mm (10.9 in)	184 mm (7.2 in)
144	12	12	354 kg/km (238 lb/1000 ft)	21.8 mm (0.86 in)	327 mm (12.9 in)	218 mm (8.6 in)

Chemical Characteristics

RoHS

Free of hazardous substances according to RoHS 2011/65/EU

Fiber/Span Quick Guide

Short SPANS						
NESC Light		NESC Medium		NESC Heavy		
Fiber Count	Feet	Meters	Feet	Meters	Feet	Meters
12-72	50-1050	15-320	50-750	15-229	50-500	15-152
73-96	50-950	15-290	50-750	15-229	50-500	15-152
97-144	50-650	15-198	50-550	15-168	15-400	15-122

Medium SPANS						
NESC Light		NESC Medium		NESC Heavy		
Fiber Count	Feet	Meters	Feet	Meters	Feet	Meters
12-72	1100-1500	335-457	800-1100	244-335	550-700	168-213
73-96	1000-1600	305-488	800-1250	244-381	550-850	168-259
97-144	700-1000	213-305	600-850	183-259	450-600	137-183

Long SPANS						
NESC Light		NESC Medium		NESC Heavy		
Fiber Count	Feet	Meters	Feet	Meters	Feet	Meters
12-72			1150-1200	351-366	750-800	229-244
145-216	50-1300	15-396	50-1150	15-351	50-850	15-259
217-288	50-1100	15-335	50-1150	15-320	50-850	15-259

Code 2						
NESC Light		NESC Medium		NESC Heavy		
Fiber Count	Feet	Meters	Feet	Meters	Feet	Meters
12-72						
145-216	50-1300	15-396	50-1150	15-351	50-850	15-259
217-288	50-1100	15-335	50-1150	15-320	50-850	15-259

Code 4						
NESC Light		NESC Medium		NESC Heavy		
Fiber Count	Feet	Meters	Feet	Meters	Feet	Meters
73-96	1650-1850	503-564	1300-1550	396-472	900-1100	274-335
97-144	1050-1450	320-442	900-1300	274-396	650-1000	198-305
145-218	1350-1550	411-472	1200-1550	366-472	900-1150	274-351

Code 5						
NESC Light		NESC Medium		NESC Heavy		
Fiber Count	Feet	Meters	Feet	Meters	Feet	Meters
12-72	1500-2150	457-655	1250-1750	381-533	850-1200	259-366

*Note: Vertical component of total SAG,
contact Corning Engineering Services if more
information needed.*

Long SPANS						
NESC Light		NESC Medium		NESC Heavy		
Fiber Count	Feet	Meters	Feet	Meters	Feet	Meters
217-288	1150-1450	351-442	1100-1450	335-442	900-1200	274-366

Code 8						
NESC Light		NESC Medium		NESC Heavy		
Fiber Count	Feet	Meters	Feet	Meters	Feet	Meters
144-216	1600-1900	488-579	1600-1750	488-533	1200-1350	366-411

Code A						
NESC Light		NESC Medium		NESC Heavy		
Fiber Count	Feet	Meters	Feet	Meters	Feet	Meters
12-72	1200	671	1800-2200	549-671	1250-1800	381-549
97-144	1500-1800	457-549	1350-1650	411-503	1050-1250	320-381
145-216			1800-1900	549-579	1400-1600	427-488
217-288					1250-1450	381-442

Code B						
NESC Light		NESC Medium		NESC Heavy		
Fiber Count	Feet	Meters	Feet	Meters	Feet	Meters
73-96	1900-2200	579-671	1600-2200	488-671	1150-1600	351-488
145-216					1650-1850	503-564

Code C						
NESC Light		NESC Medium		NESC Heavy		
Fiber Count	Feet	Meters	Feet	Meters	Feet	Meters
12-72					1850-2100	564-640
73-96					1650-1950	503-594
97-144	1850-1900	564-579	1700-1900	518-579	1300-1550	396-472

Code E						
NESC Light		NESC Medium		NESC Heavy		
Fiber Count	Feet	Meters	Feet	Meters	Feet	Meters
12-72					2150-2200	655-671

Code F						
NESC Light		NESC Medium		NESC Heavy		
Fiber Count	Feet	Meters	Feet	Meters	Feet	Meters
73-96					2000-2200	610-671
97-144					1600-1850	488-564

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Installation Conditions

ADSS Dual Jacket Span NESC Light Cable

NESC Light Code 2: 50-1300 ft depending on the fiber count (see charts below)

CODE 2

145-216 Fibers	NESC Light				
	Span (Feet)	Span (Meters)	1% Initial Installation SAG (Vertical) Tension	Vertical SAG (%)	Tension
	100	30	235 lbf (1046 N)	0.7	364 lbf (1618 N)
	300	91	706 lbf (3139 N)	0.8	967 lbf (4301 N)
	500	152	1176 lbf (5231 N)	0.8	1518 lbf (6751 N)
	700	213	1646 lbf (7324 N)	0.9	2046 lbf (9099 N)
	900	274	2117 lbf (9416 N)	0.9	2560 lbf (11389 N)
	1100	335	2587 lbf (11509 N)	0.9	3067 lbf (13641 N)
	1300	396	3058 lbf (13602 N)	0.9	3567 lbf (15867 N)

145-216 Fibers span
50 ft (15 m) to 1300 ft (396 m)

217-288 Fibers	NESC Light				
	Span (Feet)	Span (Meters)	1% Initial Installation SAG (Vertical) Tension	Vertical SAG (%)	Tension
	100	30	353 lbf (1571 N)	0.8	483 lbf (2149 N)
	300	91	1059 lbf (4712 N)	0.9	1306 lbf (5808 N)
	500	152	1765 lbf (7853 N)	0.9	2075 lbf (9231 N)
	700	213	2472 lbf (10994 N)	0.9	2824 lbf (12560 N)
	900	274	3178 lbf (14136 N)	1	3561 lbf (15839 N)
	1100	335	3884 lbf (17277 N)	1	4291 lbf (19089 N)

217-288 Fibers span
50 ft (15 m) to 1100 ft (335 m)

Note: Vertical component of total SAG, contact Corning Engineering Services if more information needed.

SOLO® All-Dielectric Self-Supporting Cables 2-288 Fibers

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Installation Conditions

Spans in italics can also use Medium Span cables

ADSS Dual Jacket Span NESC Medium Cable

NESC Medium Code 2: 50-1200 ft depending on the fiber count (see charts below)

CODE 2

12-72 Fibers	NESC Medium				
	Span (Feet)	Span (Meters)	1% Initial Installation SAG (Vertical) Tension	Vertical SAG (%)	Tension
	1150	351	937 lbf (4166 N)	3.1	2283 lbf (10154 N)
	1200	366	977 lbf (4347 N)	3.1	2362 lbf (10505 N)

12-72 Fibers span

1150 ft (350 m) to 1200 ft (365 m)

145-216 Fibers	NESC Medium				
	Span (Feet)	Span (Meters)	1% Initial Installation SAG (Vertical) Tension	Vertical SAG (%)	Tension
	50	15	118 lbf (523 N)	1.8	240 lbf (1066 N)
	150	46	353 lbf (1569 N)	2	627 lbf (2787 N)
	350	107	823 lbf (3662 N)	2.3	1285 lbf (5718 N)
	550	168	1294 lbf (5755 N)	2.5	1884 lbf (8378 N)
	750	229	1764 lbf (7847 N)	2.6	2451 lbf (10905 N)
	950	290	2235 lbf (9940 N)	2.7	3001 lbf (13349 N)
	1150	351	2705 lbf (12032 N)	2.8	3538 lbf (15737 N)

145-216 Fibers span

50 ft (15 m) to 1150 ft (350 m)

217-288 Fibers	NESC Medium				
	Span (Feet)	Span (Meters)	1% Initial Installation SAG (Vertical) Tension	Vertical SAG (%)	Tension
	50	15	177 lbf (785 N)	1.7	305 lbf (1355 N)
	250	76	883 lbf (3927 N)	2.1	1250 lbf (5562 N)
	450	137	1589 lbf (7068 N)	2.2	2083 lbf (9266 N)
	650	198	2295 lbf (10209 N)	2.3	2875 lbf (12790 N)
	850	259	3001 lbf (13350 N)	2.4	3646 lbf (16220 N)
	1050	320	3707 lbf (16491 N)	2.5	4404 lbf (19590 N)

217-288 Fibers span

50 ft (15 m) to 1050 ft (320 m)

Note: Vertical component of total SAG, contact Corning Engineering Services if more information needed.

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Installation Conditions

ADSS Dual Jacket Span NESC Heavy Cable

NESC Heavy Code 2: 50-950 ft depending on the fiber count (see charts below)

CODE 2

12-72 Fibers	NESC HEAVY				
	Span (Feet)	Span (Meters)	1% Initial Installation SAG (Vertical) Tension	Vertical SAG (%)	Tension
	750	229	578 lbf (2570 N)	4.2	2214 lbf (9850 N)
	800	244	616 lbf (2742 N)	4.3	2325 lbf (10342 N)

12-72 Fibers span

750 ft (228 m) to 800 ft 243 m)

145-216 Fibers	NESC HEAVY				
	Span (Feet)	Span (Meters)	1% Initial Installation SAG (Vertical) Tension	Vertical SAG (%)	Tension
	50	15	118 lbf (523 N)	2.2	353 lbf (1570 N)
	250	76	588 lbf (2616 N)	2.9	1313 lbf (5840 N)
	450	137	1058 lbf (4708 N)	3.3	2094 lbf (9313 N)
	650	198	1529 lbf (6801 N)	3.6	2805 lbf (12475 N)
	850	259	1999 lbf (8893 N)	3.8	3475 lbf (15458 N)

145-216 Fibers span

50 ft (15 m) to 950 ft (289 m)

217-288 Fibers	NESC HEAVY				
	Span (Feet)	Span (Meters)	1% Initial Installation SAG (Vertical) Tension	Vertical SAG (%)	Tension
	50	15	177 lbf (785 N)	2.1	433 lbf (1925 N)
	250	76	883 lbf (3927 N)	2.8	1626 lbf (7232 N)
	450	137	1589 lbf (7068 N)	3.1	2619 lbf (11649 N)
	650	198	2295 lbf (10209 N)	3.3	3537 lbf (15735 N)
	850	259	3001 lbf (13350 N)	3.5	4414 lbf (19634 N)

217-288 Fibers span

50 ft (15 m) to 850 ft (259 m)

Note: Vertical component of total SAG, contact Corning Engineering Services if more information needed.

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SOLO® All-Dielectric Self-Supporting Cables 2-288 Fibers

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Installation Conditions

ADSS Dual Jacket Span NESC Light Cable

NESC Light Code 4: 1050-1850 ft depending on the fiber count (see charts below)

CODE 4 - MDPE

73-96 Fibers	NESC Light				
	Span (Feet)	Span (Meters)	1% Initial Installation SAG (Vertical) Tension	Vertical SAG (%)	Tension
	1650	503	2506 lbf (11147 N)	0.9	3221 lbf (14326 N)
	1750	533	2658 lbf (11823 N)	0.9	3390 lbf (15080 N)
	1850	564	2810 lbf (12498 N)	0.9	3559 lbf (15830 N)

73-96 Fibers span

1650 ft (503 m) to 1850 ft (564 m)

97-144 Fibers	NESC Light				
	Span (Feet)	Span (Meters)	1% Initial Installation SAG (Vertical) Tension	Vertical SAG (%)	Tension
	1050	320	2818 lbf (12537 N)	0.9	3312 lbf (14733 N)
	1150	351	3087 lbf (13731 N)	0.9	3597 lbf (15999 N)
	1250	381	3355 lbf (14925 N)	0.9	3880 lbf (17259 N)
	1350	411	3624 lbf (16119 N)	0.9	4162 lbf (18514 N)
	1450	442	3892 lbf (17313 N)	1.0	4443 lbf (19764 N)

97-144 Fibers span

1050 ft (320 m) to 1450 ft (442 m)

145-216 Fibers	NESC Light				
	Span (Feet)	Span (Meters)	1% Initial Installation SAG (Vertical) Tension	Vertical SAG (%)	Tension
	1350	411	3213 lbf (14292 N)	0.9	3815 lbf (16968 N)
	1450	442	3451 lbf (15351 N)	0.9	4069 lbf (18102 N)
	1550	472	3689 lbf (16409 N)	0.9	4323 lbf (19231 N)

145-216 Fibers span

1350 ft (411 m) to 1550 ft (472 m)

Note: Vertical component of total SAG, contact Corning Engineering Services if more information needed.

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SOLO® All-Dielectric Self-Supporting Cables 2-288 Fibers

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Installation Conditions

ADSS Dual Jacket Span NESC Medium Cable

NESC Medium Code 4: 900-1550 ft depending on the fiber count (see charts below)

CODE 4 - MDPE

73-96 Fibers	NESC Medium				
	Span (Feet)	Span (Meters)	1% Initial Installation SAG (Vertical) Tension	Vertical SAG (%)	Tension
	1300	396	1418 lbf (6307 N)	2.9	3082 lbf (13711 N)
	1350	411	1472 lbf (6550 N)	2.9	3180 lbf (14143 N)
	1450	442	1582 lbf (7035 N)	3.0	3372 lbf (15001 N)
	1550	472	1691 lbf (7520 N)	3.0	3563 lbf (15850 N)

73-96 Fibers span

1300 ft (396 m) to 1550 ft (472 m)

97-144 Fibers	NESC Medium				
	Span (Feet)	Span (Meters)	1% Initial Installation SAG (Vertical) Tension	Vertical SAG (%)	Tension
	900	274	1518 lbf (6754 N)	2.5	3204 lbf (14252 N)
	1000	305	1687 lbf (7504 N)	2.5	3509 lbf (15608 N)
	1100	335	2953 lbf (13134 N)	2.6	3811 lbf (16950 N)
	1200	366	3221 lbf (14328 N)	2.6	4110 lbf (18281 N)
	1300	396	3490 lbf (15522 N)	2.6	4407 lbf (19602 N)

97-144 Fibers span

900 ft (274 m) to 1300 ft (396 m)

145-216 Fibers	NESC Medium				
	Span (Feet)	Span (Meters)	1% Initial Installation SAG (Vertical) Tension	Vertical SAG (%)	Tension
	1200	366	2823 lbf (12555 N)	2.7	3836 lbf (17065 N)
	1250	381	2940 lbf (13078 N)	2.7	3974 lbf (17676 N)
	1350	411	3213 lbf (14292 N)	2.7	4247 lbf (18891 N)
	1450	442	3451 lbf (15351 N)	2.7	4518 lbf (20097 N)
	1550	472	3689 lbf (16409 N)	2.8	4787 lbf (21294 N)

145-216 Fibers span

1200 ft (366 m) to 1550 ft (472 m)

Note: Vertical component of total SAG, contact Corning Engineering Services if more information needed.

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SOLO® All-Dielectric Self-Supporting Cables 2-288 Fibers

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Installation Conditions

ADSS Dual Jacket Span NESC Heavy Cable

NESC Heavy Code 4: 950-1150 ft depending on the fiber count (see charts below)

CODE 4 - MDPE

73-96 Fibers	NESC HEAVY				
	Span (Feet)	Span (Meters)	1% Initial Installation SAG (Vertical) Tension	Vertical SAG (%)	Tension
	900	274	921 lbf (4095 N)	3.9	3061 lbf (13618 N)
	1000	305	1091 lbf (4852 N)	4.0	3321 lbf (14774 N)
	1100	335	1200 lbf (5337 N)	4.1	3576 lbf (15906 N)

73-96 Fibers span
900 ft (274 m) to 1100 ft (335 m)

97-144 Fibers	NESC HEAVY				
	Span (Feet)	Span (Meters)	1% Initial Installation SAG (Vertical) Tension	Vertical SAG (%)	Tension
	650	198	1066 lbf (4741 N)	3.4	3098 lbf (13782 N)
	750	229	1265 lbf (5628 N)	3.5	3474 lbf (15454 N)
	850	259	1434 lbf (6378 N)	3.6	3841 lbf (17088 N)
	950	290	1603 lbf (7129 N)	3.6	4201 lbf (18689 N)
	1000	305	1687 lbf (7504 N)	3.7	4379 lbf (19479 N)

97-144 Fibers span
650 ft (198 m) to 1000 ft (305 m)

145-216 Fibers	NESC HEAVY				
	Span (Feet)	Span (Meters)	1% Initial Installation SAG (Vertical) Tension	Vertical SAG (%)	Tension
	900	274	2117 lbf (9416 N)	3.6	3871 lbf (17220 N)
	950	290	2235 lbf (9940 N)	3.7	4043 lbf (17983 N)
	1050	320	2470 lbf (10986 N)	3.7	4381 lbf (19488 N)
	1150	351	2705 lbf (12032 N)	3.8	4714 lbf (20967 N)

145-216 Fibers span
900 ft (274m) to 1150 ft (3512 m)

Note: Vertical component of total SAG, contact Corning Engineering Services if more information needed.

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SOLO® All-Dielectric Self-Supporting Cables 2-288 Fibers

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Installation Conditions

ADSS Dual Jacket Span NESC Light, Medium Heavy Cable

NESC Code 5: 850-2150 ft depending on the fiber count (see charts below)

CODE 5 - MDPE

12-72 Fibers	NESC Light				
	Span (Feet)	Span (Meters)	1% Initial Installation SAG (Vertical) Tension	Vertical SAG (%)	Tension
	1500	457	1854 lbf (8249 N)	0.8	2606 lbf (11594 N)
	1550	472	1916 lbf (8524 N)	0.8	2680 lbf (11921 N)
	1750	533	2164 lbf (9624 N)	0.8	2971 lbf (13217 N)
	1950	594	2411 lbf (10724 N)	0.8	3259 lbf (14497 N)
	2150	655	2658 lbf (11824 N)	0.8	3543 lbf (15762 N)

12-72 Fibers span
100 ft (381 m) to 2150 ft (533 m)

12-72 Fibers	NESC Medium				
	Span (Feet)	Span (Meters)	1% Initial Installation SAG (Vertical) Tension	Vertical SAG (%)	Tension
	1250	381	1018 lbf (4528 N)	2.9	2724 lbf (12115 N)
	1350	411	1099 lbf (4891 N)	2.9	2897 lbf (12888 N)
	1550	472	1916 lbf (8524 N)	3.0	3238 lbf (14406 N)
	1650	503	2040 lbf (9074 N)	3.1	3406 lbf (15151 N)
	1700	518	2102 lbf (9349 N)	3.1	3489 lbf (15522 N)
	1750	533	2164 lbf (9624 N)	3.1	3572 lbf (15890 N)

12-72 Fibers span
1250 ft (198 m) to 1750 ft (305 m)

12-72 Fibers	NESC HEAVY				
	Span (Feet)	Span (Meters)	1% Initial Installation SAG (Vertical) Tension	Vertical SAG (%)	Tension
	850	259	655 lbf (2913 N)	3.9	2749 lbf (12227 N)
	900	274	693 lbf (3084 N)	3.9	2871 lbf (12771 N)
	1000	304	770 lbf (3427 N)	4.0	3111 lbf (13839 N)
	1200	364	977 lbf (4347 N)	4.2	3576 lbf (15906 N)

12-72 Fibers span
850 ft (274m) to 1200 ft (3512 m)

Note: Vertical component of total SAG, contact Corning Engineering Services if more information needed.

CORNING

SOLO® All-Dielectric Self-Supporting Cables 2-288 Fibers

CORNING

Installation Conditions

ADSS Dual Jacket Span NESC Light, Medium Heavy Cable

NESC Code 6: 900-1450 ft depending on the fiber count (see charts below)

CODE 6 - MDPE

217-288 Fibers	NESC Light				
	Span (Feet)	Span (Meters)	1% Initial Installation SAG (Vertical) Tension	Vertical SAG (%)	Tension
	1150	351	4186 lbf (18618 N)	1.0	4646 lbf (20667 N)
	1200	366	4367 lbf (19428 N)	1.0	4835 lbf (21506 N)
	1250	381	4549 lbf (20237 N)	1.0	5023 lbf (22344 N)
	1300	396	4731 lbf (21046 N)	1.0	5211 lbf (23181 N)
	1350	411	4913 lbf (21856 N)	1.0	5399 lbf (24016 N)
	1400	427	5095 lbf (22665 N)	1.0	5587 lbf (24851 N)
	1450	442	5277 lbf (23475 N)	1.0	5774 lbf (25685 N)

217-288 Fibers span
1150 ft (351 m) to 1450 ft (442 m)

217-288 Fibers	NESC Medium				
	Span (Feet)	Span (Meters)	1% Initial Installation SAG (Vertical) Tension	Vertical SAG (%)	Tension
	1100	335	3884 lbf (17277 N)	2.4	4824 lbf (21456 N)
	1150	351	4186 lbf (18618 N)	2.4	5020 lbf (22330 N)
	1200	366	4367 lbf (19428 N)	2.4	5216 lbf (23201 N)
	1250	381	4549 lbf (20237 N)	2.4	5411 lbf (24070 N)
	1300	396	4731 lbf (21046 N)	2.5	5606 lbf (24936 N)
	1350	411	4913 lbf (21856 N)	2.5	5800 lbf (25800 N)
	1400	427	5095 lbf (22665 N)	2.5	5994 lbf (26662 N)
	1450	442	5277 lbf (23475 N)	2.5	6187 lbf (27523 N)

217-288 Fibers span
1100 ft (335 m) to 1450 ft (442 m)

217-288 Fibers	NESC HEAVY				
	Span (Feet)	Span (Meters)	1% Initial Installation SAG (Vertical) Tension	Vertical SAG (%)	Tension
	900	274	3178 lbf (14136 N)	3.3	4971 lbf (22112 N)
	950	290	3354 lbf (14921 N)	3.3	5199 lbf (23127 N)
	1000	305	3531 lbf (15706 N)	3.4	5426 lbf (24135 N)
	1050	320	3707 lbf (16491 N)	3.4	5651 lbf (25135 N)
	1100	335	3884 lbf (17277 N)	3.4	5874 lbf (26130 N)
	1150	351	4186 lbf (18618 N)	3.4	6096 lbf (27118 N)
	1200	366	4367 lbf (19428 N)	3.5	6317 lbf (28100 N)

217-288 Fibers span
900 ft (274m) to 1200 ft (366 m)

Note: Vertical component of total SAG, contact Corning Engineering Services if more information needed.

SOLO® All-Dielectric Self-Supporting Cables 2-288 Fibers

CORNING

Installation Conditions

ADSS Dual Jacket Span NESC Light, Medium Heavy Cable

NESC Code 8: 1600-1900 ft depending on the fiber count (see charts below)

CODE 8 Long Span - MDPE

145-216 Fibers	NESC Light				
	Span (Feet)	Span (Meters)	1% Initial Installation SAG (Vertical) Tension	Vertical SAG (%)	Tension
	1600	488	4459 lbf (19837 N)	0.9	5087 lbf (22628 N)
	1650	503	4599 lbf (20457 N)	1.0	5233 lbf (23279 N)
	1700	518	4738 lbf (21077 N)	1.0	5380 lbf (23929 N)
	1750	533	4878 lbf (21696 N)	1.0	5526 lbf (24579 N)
	1800	549	5017 lbf (22316 N)	1.0	5671 lbf (25227 N)
	1850	564	5156 lbf (22936 N)	1.0	5817 lbf (25875 N)
	1900	579	5296 lbf (23556 N)	1.0	5962 lbf (26522 N)
145-216 Fibers	NESC Medium				
	Span (Feet)	Span (Meters)	1% Initial Installation SAG (Vertical) Tension	Vertical SAG (%)	Tension
	1600	488	4459 lbf (19837 N)	2.6	5576 lbf (24802 N)
	1650	503	4599 lbf (20457 N)	2.7	5729 lbf (25485 N)
	1700	518	4738 lbf (21077 N)	2.7	5883 lbf (26167 N)
	1750	533	4878 lbf (21696 N)	2.7	6036 lbf (26848 N)
145-216 Fibers	NESC HEAVY				
	Span (Feet)	Span (Meters)	1% Initial Installation SAG (Vertical) Tension	Vertical SAG (%)	Tension
	1200	366	2823 lbf (12555 N)	3.6	5462 lbf (24294 N)
	1250	381	2940 lbf (13078 N)	3.7	5647 lbf (25118 N)
	1300	396	3058 lbf (13602 N)	3.7	5831 lbf (25937 N)
	1350	411	3213 lbf (14292 N)	3.7	6014 lbf (26751 N)

145-216 Fibers span
1600 ft (488 m) to 1900 ft (579 m)

145-216 Fibers span
1600 ft (488 m) to 1750 ft (533 m)

145-216 Fibers span
1200 ft (366 m) to 1350 ft (411 m)

Note: Vertical component of total SAG, contact Corning Engineering Services if more information needed.

CORNING

SOLO® All-Dielectric Self-Supporting Cables 2-288 Fibers



Installation Conditions

ADSS Dual Jacket Span NESC Light Cable

NESC Code A: 1500-2200 ft depending on the fiber count (see charts below)

CODE A - MDPE

12-72 Fibers	NESC Light				
	Span (Feet)	Span (Meters)	1% Initial Installation SAG (Vertical) Tension	Vertical SAG (%)	Tension
	2200	671	3570 lbf (15879 N)	0.9	4609 lbf (20501 N)

12-72 Fibers span
2200 ft (671 m)

97-144 Fibers	NESC Light				
	Span (Feet)	Span (Meters)	1% Initial Installation SAG (Vertical) Tension	Vertical SAG (%)	Tension
	1500	457	4133 lbf (18386 N)	0.9	4745 lbf (21108 N)
	1650	503	4547 lbf (20225 N)	1.0	5179 lbf (23037 N)
	1700	518	4685 lbf (20838 N)	1.0	5323 lbf (23678 N)
	1800	549	4960 lbf (22064 N)	1.0	5611 lbf (24958 N)

97-144 Fibers span
1500 ft (457 m) to 1800 ft (549 m)

Note: Vertical component of total SAG, contact Corning Engineering Services if more information needed.



SOLO® All-Dielectric Self-Supporting Cables 2-288 Fibers

CORNING

Installation Conditions

ADSS Dual Jacket Span NESC Medium Cable

NESC Code A: 1350-2200 ft depending on the fiber count (see charts below)

CODE A - MDPE

12-72 Fibers	NESC Medium				
	Span (Feet)	Span (Meters)	1% Initial Installation SAG (Vertical) Tension	Vertical SAG (%)	Tension
	1800	549	2225 lbf (9899 N)	2.8	4547 lbf (20225 N)
	1900	579	2349 lbf (10449 N)	2.8	4755 lbf (21153 N)
	2000	610	2473 lbf (10999 N)	2.9	4962 lbf (22073 N)
	2100	640	2596 lbf (11549 N)	2.9	5167 lbf (22986 N)
	2200	671	3570 lbf (15879 N)	2.9	5371 lbf (23893 N)

12-72 Fibers span

1800 ft (549 m) to 2200 ft (671 m)

97-144 Fibers	NESC Medium				
	Span (Feet)	Span (Meters)	1% Initial Installation SAG (Vertical) Tension	Vertical SAG (%)	Tension
	1350	411	3624 lbf (16119 N)	2.6	4753 lbf (21142 N)
	1450	442	3892 lbf (17313 N)	2.6	5059 lbf (22505 N)
	1550	472	4271 lbf (18999 N)	2.6	5364 lbf (23860 N)
	1650	503	4547 lbf (20225 N)	2.6	5667 lbf (25208 N)

97-144 Fibers span

1350 ft (411 m) to 1650 ft (503 m)

145-216 Fibers	NESC Medium				
	Span (Feet)	Span (Meters)	1% Initial Installation SAG (Vertical) Tension	Vertical SAG (%)	Tension
	1800	549	5017 lbf (22316 N)	2.6	6416 lbf (28539 N)
	1850	564	5156 lbf (22936 N)	2.6	6573 lbf (29240 N)
	1900	579	5296 lbf (23556 N)	2.6	6731 lbf (29939 N)

145-216 Fibers span

1800 ft (549 m) to 1900 ft (579 m)

Note: Vertical component of total SAG, contact Corning Engineering Services if more information needed.

CORNING

SOLO® All-Dielectric Self-Supporting Cables 2-288 Fibers

CORNING

Installation Conditions

ADSS Dual Jacket Span NESC Heavy Cable

NESC Code A: 1050-1600 ft depending on the fiber count (see charts below)

CODE A - MDPE

12-72 Fibers	NESC HEAVY				
	Span (Feet)	Span (Meters)	1% Initial Installation SAG (Vertical) Tension	Vertical SAG (%)	Tension
	1250	381	1018 lbf (4528 N)	3.8	4537 lbf (20181 N)
	1350	411	1099 lbf (4891 N)	3.8	4817 lbf (21429 N)
	1450	442	1181 lbf (5253 N)	3.9	5094 lbf (22657 N)
	1550	472	1916 lbf (8524 N)	4.0	5366 lbf (23868 N)
	1650	503	2040 lbf (9074 N)	4.0	5634 lbf (25063 N)
	1750	533	2164 lbf (9624 N)	4.1	5900 lbf (26243 N)
	1800	549	2225 lbf (9899 N)	4.1	6031 lbf (26828 N)

12-72 Fibers span
1250 ft (381 m) to 1800 ft (549 m)

97-144 Fibers	NESC HEAVY				
	Span (Feet)	Span (Meters)	1% Initial Installation SAG (Vertical) Tension	Vertical SAG (%)	Tension
	1050	320	2818 lbf (12537 N)	3.6	4818 lbf (21430 N)
	1150	351	3087 lbf (13731 N)	3.6	5186 lbf (23069 N)
	1250	381	3355 lbf (14925 N)	3.7	5550 lbf (24686 N)

97-144 Fibers span
1050 ft (320 m) to 1250 ft (381 m)

145-216 Fibers	NESC HEAVY				
	Span (Feet)	Span (Meters)	1% Initial Installation SAG (Vertical) Tension	Vertical SAG (%)	Tension
	1400	427	3332 lbf (14821 N)	3.6	6479 lbf (28820 N)
	1500	457	3570 lbf (15880 N)	3.7	6856 lbf (30498 N)
	1600	488	4459 lbf (19837 N)	3.7	7229 lbf (32158 N)

145-216 Fibers span
1400 ft (427 m) to 1600 ft (488 m)

217-288 Fibers	NESC HEAVY				
	Span (Feet)	Span (Meters)	1% Initial Installation SAG (Vertical) Tension	Vertical SAG (%)	Tension
	1250	381	4549 lbf (20237 N)	3.3	6966 lbf (30988 N)
	1350	411	4913 lbf (21856 N)	3.4	7430 lbf (33051 N)
	1450	442	5277 lbf (23475 N)	3.4	7890 lbf (35095 N)

217-288 Fibers span
1250 ft (381 m) to 1450 ft (442 m)

Note: Vertical component of total SAG, contact Corning Engineering Services if more information needed.

SOLO® All-Dielectric Self-Supporting Cables 2-288 Fibers

CORNING

Installation Conditions

Spans in italics can also use Span Code 2 cables

ADSS Dual Jacket Span NESC Light, Medium and Heavy Cable

NESC Code B: 1200-2200 ft depending on the fiber count (see charts below)

CODE B - MDPE

73-96 Fibers	NESC Light				
	Span (Feet)	Span (Meters)	1% Initial Installation SAG (Vertical)	Vertical SAG (%)	Tension
	1900	579	3750 lbf (16679 N)	0.9	4610 lbf (20507 N)
	2000	610	3947 lbf (17557 N)	0.9	4826 lbf (21468 N)
	2100	640	4144 lbf (18434 N)	0.9	5041 lbf (22425 N)
	2200	671	4342 lbf (19312 N)	0.9	5256 lbf (23378 N)

73-96 Fibers span
1900 ft (381 m) to 2200 ft (549 m)

73-96 Fibers	NESC Medium				
	Span (Feet)	Span (Meters)	1% Initial Installation SAG (Vertical)	Vertical SAG (%)	Tension
	1600	488	3157 lbf (14045 N)	2.7	4543 lbf (20209 N)
	1700	518	3355 lbf (14923 N)	2.8	4782 lbf (21274 N)
	1800	549	3552 lbf (15801 N)	2.8	5020 lbf (22330 N)
	1900	579	3750 lbf (16679 N)	2.8	5256 lbf (23379 N)
	2000	610	3947 lbf (17557 N)	2.8	5490 lbf (24421 N)
	2100	640	4144 lbf (18434 N)	2.8	5723 lbf (25456 N)
	2200	671	5954 lbf (26487 N)	2.9	5954 lbf (26487 N)

73-96 Fibers span
1600 ft (488 m) to 2200 ft (671 m)

73-96 Fibers	NESC HEAVY				
	Span (Feet)	Span (Meters)	1% Initial Installation SAG (Vertical)	Vertical SAG (%)	Tension
	1200	366	2368 lbf (10534 N)	3.7	4708 lbf (20941 N)
	1300	396	2565 lbf (11412 N)	3.8	5016 lbf (22310 N)
	1400	427	2763 lbf (12290 N)	3.8	5319 lbf (23660 N)
	1500	457	2960 lbf (13167 N)	3.9	5618 lbf (24990 N)
	1600	488	3157 lbf (14045 N)	3.9	5913 lbf (26304 N)

73-96 Fibers span
1200 ft (366 m) to 1600 ft (488 m)

145-216 Fibers	NESC HEAVY				
	Span (Feet)	Span (Meters)	1% Initial Installation SAG (Vertical)	Vertical SAG (%)	Tension
	1650	503	4834 lbf (21504 N)	3.6	7711 lbf (34300 N)
	1750	533	5127 lbf (22807 N)	3.7	8094 lbf (36002 N)
	1850	564	5420 lbf (24111 N)	3.7	8473 lbf (37689 N)

145-216 Fibers span
1650 ft (503 m) to 1850 ft (564 m)

Note: Vertical component of total SAG, contact Corning Engineering Services if more information needed.

CORNING

SOLO® All-Dielectric Self-Supporting Cables

2-288 Fibers



Installation Conditions

ADSS Dual Jacket Span NESC Light and Medium Cable
NESC Code C: 1200-2200 ft depending on the fiber count (see charts below)

CODE C - MDPE

97-144 Fibers	NESC Light				
	Span (Feet)	Span (Meters)	1% Initial Installation SAG (Vertical) Tension	Vertical SAG (%)	Tension
	1850	564	5230 lbf (23264 N)	1.0	5938 lbf (26414 N)
	1900	579	5371 lbf (23893 N)	1.0	6086 lbf (27072 N)

73-96 Fibers span
1900 ft (381 m) to 2200 ft (549 m)

97-144 Fibers	NESC Medium				
	Span (Feet)	Span (Meters)	1% Initial Installation SAG (Vertical) Tension	Vertical SAG (%)	Tension
	1700	518	4685 lbf (20838 N)	2.6	6037 lbf (26855 N)
	1750	533	4822 lbf (21451 N)	2.6	6193 lbf (27550 N)
	1800	548	4960 lbf (22064 N)	2.6	6349 lbf (28242 N)
	1850	563	5230 lbf (23264 N)	2.6	6504 lbf (28933 N)
	1900	578	5371 lbf (23893 N)	2.6	6659 lbf (29623 N)

73-96 Fibers span
1600 ft (488 m) to 2200 ft (671 m)

Note: Vertical component of total SAG, contact Corning Engineering Services if more information needed.



SOLO® All-Dielectric Self-Supporting Cables 2-288 Fibers

CORNING

Installation Conditions

ADSS Dual Jacket Span NESC Heavy Cable

NESC Code C: 1300-2100 ft depending on the fiber count (see charts below)

CODE C - MDPE

12-72 Fibers	NESC HEAVY				
	Span (Feet)	Span (Meters)	1% Initial Installation SAG (Vertical) Tension	Vertical SAG (%)	Tension
	1850	564	2287 lbf (10174 N)	3.9	6574 lbf (29244 N)
	1900	579	2349 lbf (10449 N)	4.0	6714 lbf (29864 N)
	1950	594	2411 lbf (10724 N)	4.0	6852 lbf (30480 N)
	2000	610	2473 lbf (10999 N)	4.0	6990 lbf (31093 N)
	2050	625	2534 lbf (11274 N)	4.0	7127 lbf (31704 N)
	2100	640	2596 lbf (11549 N)	4.1	7264 lbf (32311 N)

12-72 Fibers span

1850 ft (564 m) to 2100 ft (640 m)

73-96 Fibers	NESC HEAVY				
	Span (Feet)	Span (Meters)	1% Initial Installation SAG (Vertical) Tension	Vertical SAG (%)	Tension
	1650	503	2506 lbf (11147 N)	3.8	6333 lbf (28172 N)
	1700	518	2582 lbf (11485 N)	3.8	6485 lbf (28849 N)
	1750	533	2658 lbf (11823 N)	3.9	6637 lbf (29521 N)
	1800	549	2734 lbf (12160 N)	3.9	6787 lbf (30190 N)
	1850	564	2810 lbf (12498 N)	3.9	6937 lbf (30855 N)
	1900	579	3750 lbf (16679 N)	3.9	7085 lbf (31517 N)
	1950	594	3848 lbf (17118 N)	4.0	7233 lbf (32176 N)

73-96 Fibers span

1650 ft (503 m) to 1950 ft (594 m)

97-144 Fibers	NESC HEAVY				
	Span (Feet)	Span (Meters)	1% Initial Installation SAG (Vertical) Tension	Vertical SAG (%)	Tension
	1300	396	3490 lbf (15522 N)	3.6	6004 lbf (26708 N)
	1350	411	3624 lbf (16119 N)	3.6	6192 lbf (27542 N)
	1400	426	3758 lbf (16716 N)	3.6	6378 lbf (28371 N)
	1450	441	3892 lbf (17313 N)	3.6	6563 lbf (29195 N)
	1500	456	4133 lbf (18386 N)	3.7	6748 lbf (30015 N)
	1550	471	4271 lbf (18999 N)	3.7	6931 lbf (30831 N)

97-144 Fibers span

1300 ft (396 m) to 1550 ft (471 m)

Note: Vertical component of total SAG, contact Corning Engineering Services if more information needed.

CORNING

SOLO® All-Dielectric Self-Supporting Cables 2-288 Fibers

CORNING

Installation Conditions

ADSS Dual Jacket Span NESC Heavy Cable

NESC Code E: 2150-2200 ft depending on the fiber count (see charts below)

CODE E - MDPE

12-72 Fibers	NESC HEAVY				
	Span (Feet)	Span (Meters)	1% Initial Installation SAG (Vertical) Tension	Vertical SAG (%)	Tension
	2150	655	2658 lbf (11824 N)	3.9	7717 lbf (34326 N)
	2200	671	3570 lbf (15879 N)	4.0	7858 lbf (34953 N)

12-72 Fibers span
2150 ft (655 m) to 2200 ft (671 m)

ADSS Dual Jacket Span NESC Heavy Cable

NESC Code F: 1650-2200 ft depending on the fiber count (see charts below)

CODE F - MDPE

73-96 Fibers	NESC HEAVY				
	Span (Feet)	Span (Meters)	1% Initial Installation SAG (Vertical) Tension	Vertical SAG (%)	Tension
	2000	610	3947 lbf (17557 N)	3.8	7733 lbf (34399 N)
	2100	640	4144 lbf (18434 N)	3.9	8040 lbf (35766 N)
	2200	670	4342 lbf (19312 N)	3.9	8345 lbf (37120 N)

73-96 Fibers span
2000 ft (610 m) to 2200 ft (670 m)

97-144 Fibers	NESC HEAVY				
	Span (Feet)	Span (Meters)	1% Initial Installation SAG (Vertical) Tension	Vertical SAG (%)	Tension
	1650	503	4547 lbf (20225 N)	3.5	7889 lbf (35091 N)
	1750	533	4822 lbf (21451 N)	3.6	8279 lbf (36827 N)
	1850	563	5230 lbf (23264 N)	3.6	8666 lbf (38548 N)

97-144 Fibers span
1650 ft (503 m) to 1850 ft (563 m)

Note: Vertical component of total SAG, contact Corning Engineering Services if more information needed.

CORNING

SOLO® All-Dielectric Self-Supporting Cables 2-288 Fibers

CORNING

Transmission Performance

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

Single-mode					
Fiber Name	Single-mode (OS2)	Single-mode (OS2)	SMF-28e+® LL	SMF-28® Ultra fiber**	SMF-28® ULL
Fiber Category	G.652.D	G.652.D	G.652.D	G.652.D/G.657.A1	G.652
Fiber Code	E	E	L	Z	P
Performance Option Code	01	00	22	22	19
Wavelengths (nm)	1310/1383/1550	1310/1383/1550	1310/1383/1550	1310/1383/1550	1310/1383/1550
Maximum Attenuation (dB/km)	0.4/0.4/0.3	0.35/0.35/0.25	0.34/0.34/0.22	0.34/0.34/0.22	0.33/-/0.19
Fiber Name	LEAF® fiber				
Fiber Category	G.655				
Fiber Code	F				
Performance Option Code	01				
Wavelengths (nm)	1310/1383/1550				
Maximum Attenuation (dB/km)	-/-/0.25				

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

** SMF-28® Ultra delivers up to 10x better macrobend loss performance compared to the G.652.D standard and up to 33 percent better macrobend loss performance than the G.657.A1 standard for 10mm radii bends.

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SOLO® All-Dielectric Self-Supporting Cables 2-288 Fibers

CORNING

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

				A		-	T					A	2	0
1	2	3	4	5	6	7	8	9	10					

1 Select fiber count.
Standard offerings: 002 - 288

2 Select fiber code.
K = 62.5 µm multimode (OM1)
T = 50 µm multimode (OM2/OM3/OM4)
E = Single-mode (G.652.D)
L = Single-mode (G.652.D) SMF-28e+® LL
Z = Single-mode (G.652.D/G.657.A1) SMF-28® Ultra fiber
P = Single-mode (G.652) SMF-28® ULL
F = Single-mode (G.655) LEAF®

3 Defines cable type.
A = SOLO® Dual-Jacket Cable

4 Defines outer jacket.
E = PE jacket (standard)
A = TRPE jacket

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

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

7 Select tensile strength.
(see Span Codes in Sag and Tension Tables)

8 Select performance option code.
30 = 62.5 µm multimode (OM1)
31 = 50 µm multimode (OM2)
80 = 50 µm multimode (OM3)
90 = 50 µm multimode (OM4)
01 = Single-mode (OS2) (Max. attenuation 0.4/0.4/0.3 dB/km)
00 = Single-mode (OS2) (Max. attenuation 0.35/0.35/0.25 dB/km)
22 = Single-mode (OS2) (Max. attenuation 0.34/0.34/0.22 dB/km)
19 = Single-mode (Ultra Low-Loss) (Max. attenuation 0.33/-/0.19 dB/km)
01 = Single-mode NZDSF* (Max. attenuation -/-/0.25 dB/km)
*Non-Zero Dispersion-Shifted Single-mode Fiber

9 Defines cable type.
A = Gel-Filled Cable

10 Defines special manufacturing code.
20 = No special requirements

Please contact Corning Engineering Services at 800-743-2671 for installation advice or information regarding mounting hardware.



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