

ADSS Mini-Span® 323

Dry Core Design

Typical Spans with 1.5% Installation Sag:

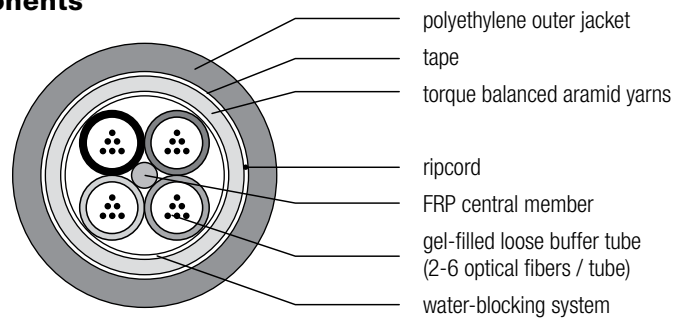
- NESG Heavy 175 ft (53 meters)
- NESG Medium 300 ft (91 meters)
- NESG Light 500 ft (152 meters)

(NOTE: Larger spans can be achieved with installation sag greater than 1.5%)

Temperature Range

- Operating - 40°C to + 70°C
- Storage - 50°C to + 70°C
- Installation - 30°C to + 70°C

Cable Components



Mechanical Data

FIBER COUNT	NOMINAL DIAMETER		NOMINAL WEIGHT		MAXIMUM LENGTHS*			
	INCHES	MM	LBS/1000'	KG/KM	SINGLE-MODE		MULTIMODE	
					FEET	METERS	FEET	METERS
2-24	0.323	8.2	35	53	32,800	10,000	26,250	8,000

* Longer lengths may be available upon request.

Installation Information

MAXIMUM SAGGING TENSION		MAXIMUM LOADING OPERATING TENSION		MINIMUM BENDING RADIUS (DYNAMIC)		MINIMUM BENDING RADIUS (STATIC)	
LBS	N	LBS	N	INCHES	CM	INCHES	CM
147	654	374	1668	7	17	3.5	8.5

Optical Information

PARAMETERS	SINGLE-MODE (1310nm/1550nm)	MULTIMODE *62.5/125µm (850nm/1300nm)	MULTIMODE 50/125µm (850nm/1300nm)
Maximum Attenuation (dB/km)	0.40/0.30	3.5/1.2	3.5/1.2
Bandwidth (MHz·km)	n/a	200/600	500/500

* All 62.5/125 µm multimode ADSS cable transmission performances meet or exceed FDDI requirements. Premium transmission performance fibers available on request.

ADSS Mini-Span® 323

Ordering Information

FIBER COUNT	FIBERS PER TUBE	NUMBER OF TUBES / FIBERS	PART NUMBER		
			SINGLE-MODE	MULTIMODE 62.5/125	MULTIMODE 50/125
6	6	1 w/6	AE00696420AA1	AE00666420AA1	AE00656420AA1
12	6	2 w/6	AE01296420AA1	AE01266420AA1	AE01256420AA1
18	6	3 w/6	AE01896420AA1	AE01866420AA1	AE01856420AA1
24	6	4 w/6	AE02496420AA1	AE02466420AA1	AE02456420AA1

Contact customer service for price and availability. Non-zero dispersion-shifted fibers are also available.

Sag & Tension Information

SPAN		INITIAL SAG	INITIAL TENSION		NESC LIGHT LOADING			NESC MEDIUM LOADING			NESC HEAVY LOADING		
					SAG	TENSION		SAG	TENSION		SAG	TENSION	
FEET	METERS	%	LBS	N	%	LBS	N	%	LBS	N	%	LBS	N
50	15	1.5	15	67	0.4	66	294	2.1	101	449	3.2	152	677
75	23	1.5	22	98	0.5	90	339	2.3	135	602	3.6	202	901
100	30	1.5	30	133	0.5	111	494	2.5	166	741	3.9	248	1,102
125	38	1.5	37	165	0.5	131	583	2.7	195	867	4.2	289	1,288
150	46	1.5	44	196	0.5	150	667	2.8	222	989	4.5	329	1,463
175	53	1.5	52	232	0.6	168	748	3.0	248	1,104	4.7	366	1,629
200	61	1.5	59	262	0.6	185	825	3.1	273	1,214	—	—	—
225	69	1.5	66	294	0.6	202	900	3.2	297	1,321	—	—	—
250	76	1.5	74	329	0.6	219	973	3.3	320	1,424	—	—	—
275	84	1.5	81	360	0.6	235	1,044	3.4	342	1,524	—	—	—
300	91	1.5	88	392	0.6	250	1,113	3.5	364	1,621	—	—	—
325	99	1.5	96	427	0.7	265	1,181	—	—	—	—	—	—
350	107	1.5	103	458	0.7	280	1,247	—	—	—	—	—	—
375	114	1.5	111	494	0.7	295	1,312	—	—	—	—	—	—
400	122	1.5	118	525	0.7	309	1,376	—	—	—	—	—	—
425	130	1.5	125	556	0.7	324	1,440	—	—	—	—	—	—
450	137	1.5	133	592	0.7	338	1,502	—	—	—	—	—	—
475	145	1.5	140	623	0.7	351	1,563	—	—	—	—	—	—
500	152	1.5	147	654	0.7	365	1,624	—	—	—	—	—	—

*weight/sag and tension subject to change

Reel Information

ITEM	REEL A		REEL B	
	INCHES	CM	INCHES	CM
Reel Height	42	106.7	58	147.3
Reel Width Outside	36	91.4	38	96.5
Reel Width Inside	32	81.6	32	81.3
Drum Diameter	23	58.7	28	71.1
Arbor Hole Diameter	3	7.9	3	7.9
Reel Weight With Lagging	180 lbs	82 kg	420 lbs	191 kg
Maximum Cable Length	15,256 ft	4,650 m	32,800 ft	10,000 m

AFL provides ADSS cable on several standard sizes of non-returnable wooden reels. Non-standard reel sizes are available on request.