

Aerial Drop Cable

Aerial Drop Cable is specifically designed for Fiber-to-the-Subscriber applications. It is a round, all dielectric cable ideally suited for self-supporting drop-type installations as well as in lashed or conduit builds.

6-Fiber Design

Typical Spans with 2.0% Installation Sag:

- NES-C Heavy 100 ft (30 meters)
- NES-C Medium 185 ft (56 meters)
- NES-C Light 370 ft (113 meters)

Temperature Range

Operating: -40°C to +70°C

Storage: -50°C to +70°C

Installation: -30°C to +70°C

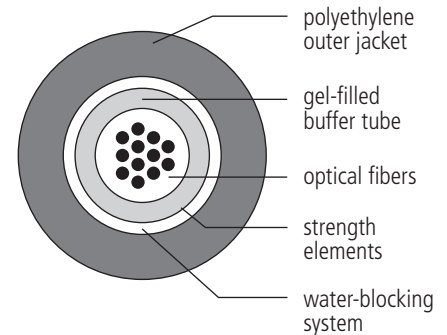
12-Fiber Design

Typical Spans with 2.0% Installation Sag:

- NES-C Heavy 75 ft (23 meters)
- NES-C Medium 140 ft (43 meters)
- NES-C Light 260 ft (75 meters)

Note: Typical installations should not be more than 4-6 spans. Point-to-point distance should not exceed 400 ft.

Cable Components



Features

- Designed for use with inexpensive attachment hardware
- Compatible with standard splice closures
- Self-supporting - no messenger needed
- Small cross section for maximum density in closures and conduit

Mechanical Data

FIBER COUNT	NOMINAL DIAMETER		NOMINAL WEIGHT		MAXIMUM LENGTHS*			
	INCHES	MM	LBS/1000 FT	KG/KM	SINGLE-MODE		MULTIMODE	
					FEET	METERS	FEET	METERS
1 - 6	.256	6.5	23	34	32,800	10,000	26,250	8,000
7 - 12	.307	7.8	34	50	27,500	8,400	26,250	8,000

* Longer lengths may be available upon request.

Installation Information

FIBER COUNT	MAXIMUM LOADING OPERATING TENSION		MINIMUM BENDING RADIUS (DYNAMIC)		MINIMUM BENDING RADIUS (STATIC)	
	LBS	N	INCHES	CM	INCHES	CM
1 - 6	270	1113	5	13	2.5	6.5
7 - 12	270	1113	6	16	3	8

NOTE: AFL recommends coiling a minimum of 12 feet (3.6 meters) into 6 inch (0.15 meters) loops at the entrance to all splice closures.

Ordering Information

FIBER COUNT	FIBER TYPE	AFL NO.	MAXIMUM ATTENUATION (DB/KM)			BANDWIDTH (MHZ•KM)	
			850 NM	1300 NM	1550 NM	850 NM	1300 NM
1 - 6	62.5/125 Giga-Link™ 300	AE00666110AA9	3.5	1.2	N/A	200	600
7 - 12		AE0126C110AC1					
1 - 6	50/125 Giga-Link™ 600	AE00656110AA9	2.9	0.9	N/A	500	500
7 - 12		AE0125C110AC1					
1 - 6	Single-mode	AE00696110AA9	N/A	0.35	0.25	N/A	N/A
7 - 12		AE0129C110AC1					