



Optical Fiber Solutions



The Company and the Products



Lexington Ames

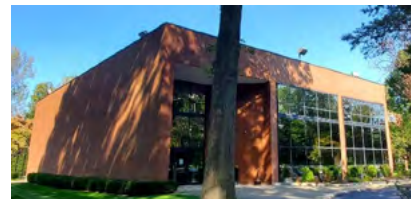
Overview

Lexington Ames

Highlights

Company Profile

Founded	May 2015
Head Office	22 Paris Avenue, Rockleigh NJ 07647
Business Line	<ul style="list-style-type: none"> • Engineering and Design of Fiber Optic Cables • Manufacture of Fiber Optic Cables • Marketing and Promotion of Fiber Optic Cables and Components
Registered	New Jersey
Website	www.lexingtonames.com
Manufacturing Location	Cable Manufacturing Plants: Jeon-ju, Cheolla Bukdo, South Korea Ik-san, Cheolla Bukdo, South Korea



- * Headquarters in New Jersey with local customer support
- * Provide factory-direct bulk fiber products at competitive price points
- * Just-in-time production system ensures 8 to 10 week lead time
- * Cable production capacity over 10 million feet per month
- * Supply fiber for RUS, RDOF, CARES act and other federal and state sponsored stimulus programs



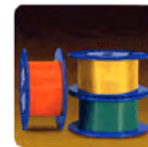
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Products & Quality

- * Products are designed and engineered in the US
- * Single mode and multi mode fibers from LS Cable & System
GR-20 certified glass fibers 100% compatible with Corning SMF
- * Compliant with ITU-T, IEEE, RUS, and TIA standards
- * Customizable cable jacket and tube material

SMF performance comparison

Items	Unit	Lexington Ames	Fujikura FutureGuide	Corning SMF-28e	OFS AllWave
Attenuation at 1310 nm	dB/km	≤ 0.334	0.327	≤ 0.35	0.33 ~ 0.35
Attenuation at 1383 nm	dB/km	≤ 0.31	0.281	≤ 0.31	0.31 ~ 0.35
Attenuation at 1550 nm	dB/km	≤ 0.194	0.187	≤ 0.21	0.19 ~ 0.20
Attenuation at 1625 nm	dB/km	≤ 0.22	0.202	≤ 0.23	0.20 ~ 0.23
MFD at 1310 nm	μm	9.2 ± 0.4	9.15	9.2 ± 0.4	9.2 ± 0.4
MFD at 1550 nm	μm	10.4 ± 0.5	10.3	10.4 ± 0.5	10.4 ± 0.5
Dispersion value at 1550 nm	ps/nm.km	≤ 18.0	16.67	≤ 18	≤ 18.0
Zero dispersion slope	ps/(nm ² .km)	≤ 0.090	0.086	≤ 0.092	≤ 0.089
PMD link design value	ps/√km	< 0.1	0.05	≤ 0.08	≤ 0.06
PMD Individual value	ps/√km	< 0.15	0.03	≤ 0.1	≤ 0.2
Cladding diameter	μm	125 ± 0.7	125.1	125 ± 0.7	125 ± 0.7
Core-clad concentricity	μm	≤ 0.5	0.11	≤ 0.8	≤ 0.5
Cladding non-circularity	%	≤ 0.7	0.22	≤ 1.0	≤ 0.7
Coating-cladding concentricity	μm	≤ 12	4.02	≤ 12.5	≤ 12
Tensile proof test	kpsi	≥ 120	125	≥ 120	≥ 100



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Product Line

* Outside Plant Cables



LA-LT-035 Series (SJNA)
Dielectric Dry LT Cable



LA-LT-041 Series (SJSA)
Light-armored Dry LT Cable



LA-LT-018 Series (ADSS)
All-Dielectric Self-Supporting LT Cable



LA-MICRO-001 Series (SJNA)
Air-Blown for Microduct Cable

* Drop Cables and Others



Flat / Round Drop cables
Toneable Flat Drop cables
Pushable / Blowable cables



Splice closures and terminals

*Multiple jacket multiple armored, fig-8, various ADSS specs available upon request

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OSP Loose Tube

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OSP Loose Tube

Dielectric Dry LT Cables: LA-LT-035 Series (SJNA)

Ideal for
duct or aerial lashed installation

Light-armored Dry LT Cables: LA-LT-041 Series (SJSA)

Ideal for
duct or direct buried installation



- Dielectric construction
- Easy break out
- Gel free (optional gel filled)
- Fiber counts up to 576
- 12F/LT (~288F), 24F/LT (~576F)
- GR-20 certified glass
- FRP central strength member
- PBT or PP tube
- MDPE or HDPE jacket
- Standards: ITU-T G.650, G.652.D. IEC 60793, 60794. RUS 7 CFR 1755. ISO 9001, 14001, OHSAS 18001. TIA-598-D. GR-20 (glass)
- MOQ: 200,000'



- Steel tape armored construction
- Anti-Rodent
- Easy break out
- Gel free (optional gel filled)
- Fiber counts up to 576
- 12F/LT (~288F), 24F/LT (~576F)
- GR-20 certified glass
- FRP central strength member
- PBT or PP tube
- MDPE or HDPE jacket
- Standards: ITU-T G.650, G.652.D. IEC 60793, 60794. RUS 7 CFR 1755. ISO 9001, 14001, OHSAS 18001. TIA-598-D. GR-20 (glass)
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ADSS

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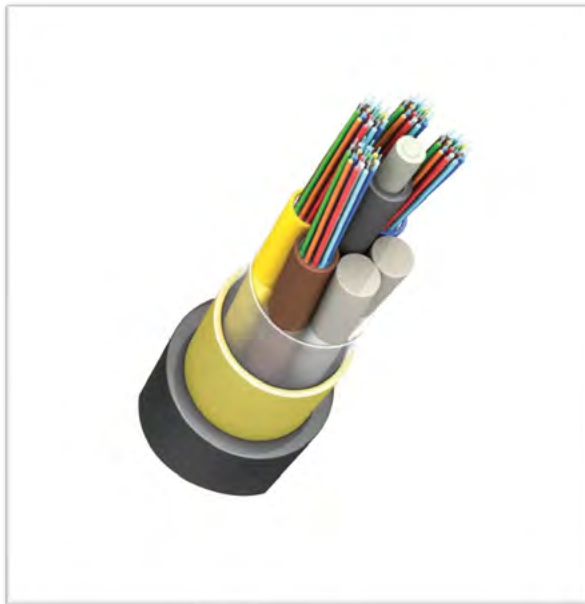
Microduct

All-Dielectric Self-Supporting: LA-LT-018 Series (SJ)

Ideal for
short span installation up to 300FT
NESC-Heavy weather condition

Microduct Air-Blown LT Cables: LA-MICRO-001 Series (SJNA)

Ideal for
FTTH Air-Blown Installation








- Engineered to stand harsh weather conditions of North America
- Span: 300'(NESC-H), 450'(NESC-M), 600'(NESC-L)
- Gel filled
- Fiber counts up to 144
- GR-20 certified glass
- FRP central strength member
- PBT or PP tube
- MDPE or HDPE jacket
- Standards: ITU-T G.650. G.652.D. IEC 60793, 60794. IEEE 1222. RUS 7 CFR 1755. ISO 9001, 14001, OHSAS 18001. TIA-598-D. GR-20 (glass)
- MOQ: 200,000'



- Small OD
0.217" or 5.5mm (~72F)
0.256" or 6.5mm (96F)
0.315" or 8.0mm (144F)
- Easy break out
- Gel filled
- Fiber counts up to 144 (12F/LT)
- GR-20 certified glass
- FRP central strength member
- PBT or PP tube
- MDPE or HDPE jacket
- Standards: ITU-T G.650, G.652.D. IEC 60793, 60794. RUS 7 CFR 1755. ISO 9001, 14001, OHSAS 18001. TIA-598-D. GR-20 (glass)
- MOQ: 200,000'

*Longer span ADSS cables are available upon request

Spec	Features
 <p data-bbox="402 657 548 688">LA-160107A</p>	<p data-bbox="691 625 1084 720">Flat loose tube up to 12 counts G652D/G657A1/G657A2/G657A3 Optional toneable copper wire</p>
 <p data-bbox="402 825 532 856">LA-16TB02</p>	<p data-bbox="691 804 1247 867">Flat tight buffered (900micron) up to 2 counts G652D/G657A1/G657A2/G657A3</p>
 <p data-bbox="402 972 537 1003">LA-14031A</p>	<p data-bbox="691 957 1097 1020">Low cost flat drop up to 2 counts G652D/G657A1</p>
 <p data-bbox="402 1098 565 1129">LA-1701191A</p>	<p data-bbox="691 1062 1206 1157">Round pushable/blowable up to 24 counts G652D/G657A1/G657A2/G657A3 Kevlar reinforcement</p>
 <p data-bbox="402 1213 610 1245">LA-D150121AMR</p>	<p data-bbox="691 1199 1300 1262">Round armored distribution cable up to 24 counts G652D/G657A1/G657A2/G657A3</p>

Distribution partner:

