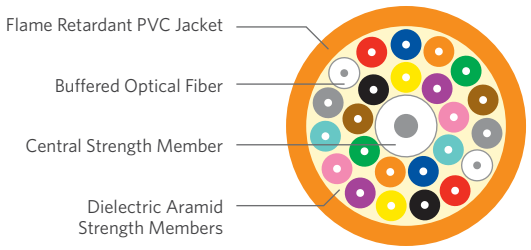
Single Unit Distribution

OFNR/OFNP





SPECIFICATIONS

6-12 Fiber Configuration	Flexible 900 µm tight buffered fibers, dielectric aramid yarns and overall jacket
18-24 Fiber Configuration	Band marked flexible 900 µm tight buffered fibers, dielectric aramid yarns, overall jacket and central strength element
Jacket	OFNR: Flame retardant (FR) PVC OFNP: FR, low smoke PVC
Performance Compliance	UL 1651 CSA C22.2 No. 232 UL 1666 NFPA 262 Telcordia® GR-409, Issue 1 Telcordia GR-409, Issue 2 ANSI/ICEA S-83-596 ANSI/TIA-568.3-D
NRTL Programs	UL, c(UL) Listed OFNR UL, c(UL) Listed OFNP
Sustainability	UL Certified EPD HPD USGBC® Member RoHS-compliant/RoHS 2-compliant REACH-compliant

ENVIRONMENTAL SPECIFICATIONS

	Riser	Plenum
Operation	-20°C to +75°C	0°C to +75°C
Storage/Shipping	-40°C to +75°C	-40°C to +75°C
Installation	-20°C to +65°C	0°C to +65°C

SUSTAINABILITY LEADERSHIP

CERTIFIED ENVIRONMENTAL PRODUCT DECLARATION UL.COM/EPD · hpdc · U.S. GREEN BUILDING COUNCIL MEMBER · RoHS · REACH

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PRODUCT DESCRIPTION

FIRST MANUFACTURER IN THE INDUSTRY
to offer products that contribute toward LEED!

These Superior Essex premises distribution optical fiber cables are constructed using a single unit, single jacket RoHS-compliant design with fiber counts from 6 through 24. The design consists of flexible 900 µm tight buffered industry standard 250 µm fibers (900/250/125 µm) and is suitable for use with standard connectors, like the SC, ST, and FC, and small-form-factor connectors like the LC. Dielectric aramid yarns are applied for strength while maintaining flexibility. The 18 and 24-fiber cable designs have a flexible glass reinforced central strength element for added durability and performance. A durable, flame resistant outer jacket is applied over the cable core using appropriate OFNR or OFNP rated materials.

APPLICATIONS

- Intrabuilding backbones
- Conduit pathways
- Service entrance to communication closets
- "Behind-the-shelf" connections

FEATURES	BENEFITS
• UL® Certified Environmental Product Declaration (EPD)	• Contributes toward 1 LEED point under the Material and Resources credit (MRc)
• Health Product Declaration™ (HPD™)	• Contributes toward 1 LEED point under the MRc
• Marked in feet and meters	• Meets commercial, government and international requirements for length markings
• BrakeBox® payout control system	• Adjustable tension control on reel prevents over spin and entangling of cable

SUPERIOR ESSEX

800.551.8948
SuperiorEssex.com

*All information, content, data, specifications, packaging and part numbers detailed herein are subject to change. For the most up-to-date information, please visit SuperiorEssex.com. Purchase of this product is subject exclusively to the then current **Superior Essex International LP Terms and Conditions of Sale for Communications Cable, Wire and Connectivity Products**, which can be found on our website, SuperiorEssex.com, or provided to you upon request.*

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Ed 13.3

PART NUMBERS AND PHYSICAL CHARACTERISTICS

Listing	Part Number[1]	Fiber Count	Nominal Diameter in (mm)	Nominal Weight lbs/kft (kg/km)	Maximum Tensile Loading		Minimum Bend Radius		Package
					Install lbs (N)	Long Term lbs (N)	Install in (mm)	Long Term in (mm)	
Single Mode									
OFNR	43006x1zz	6	0.20 (5.0)	17 (25)	150 (660)	45 (200)	3.0 (75)	2.0 (50)	*use key*
OFNR	43008x1zz	8	0.24 (6.0)	20 (30)	150 (660)	45 (200)	3.5 (90)	2.4 (60)	*use key*
OFNR	43012x1zz	12	0.26 (6.5)	25 (37)	150 (660)	45 (200)	3.8 (98)	2.6 (65)	*use key*
OFNR	43018xK01*	18	0.30 (7.5)	35 (51)	300 (1,320)	90 (400)	4.4 (113)	3.0 (75)	Plywood reel
OFNR	43024xK01*	24	0.33 (8.5)	44 (66)	300 (1,320)	90 (400)	5.0 (128)	3.3 (85)	Plywood reel
OFNP	44006x1zz	6	0.20 (5.0)	17 (25)	100 (440)	30 (130)	3.0 (75)	2.0 (50)	*use key*
OFNP	44008x1zz	8	0.21 (5.4)	19 (28)	100 (440)	30 (130)	3.2 (81)	2.1 (54)	*use key*
OFNP	44012x1zz	12	0.24 (6.2)	24 (35)	100 (440)	30 (130)	3.7 (93)	2.4 (62)	*use key*
OFNP	44018xK01*	18	0.28 (7.0)	33 (49)	150 (660)	45 (200)	4.1 (105)	2.8 (70)	Plywood reel
OFNP	44024xK01	24	0.31 (7.8)	42 (62)	150 (660)	45 (200)	4.6 (117)	3.1 (78)	Plywood reel
Multimode									
OFNR	43006yGzz	6	0.20 (5.0)	17 (25)	150 (660)	45 (200)	3.0 (75)	2.0 (50)	*use key*
OFNR	43008yGzz	8	0.24 (6.0)	20 (30)	150 (660)	45 (200)	3.5 (90)	2.4 (60)	*use key*
OFNR	43012yGzz	12	0.26 (6.5)	25 (37)	150 (660)	45 (200)	3.8 (98)	2.6 (65)	*use key*
OFNR	43018yK01	18	0.30 (7.5)	35 (51)	300 (1,320)	90 (400)	4.4 (113)	3.0 (75)	Plywood reel
OFNR	43024yK01	24	0.33 (8.5)	44 (66)	300 (1,320)	90 (400)	5.0 (128)	3.3 (85)	Plywood reel
OFNP	44006yGzz	6	0.20 (5.0)	17 (25)	100 (440)	30 (130)	3.0 (75)	2.0 (50)	*use key*
OFNP	44008yGzz	8	0.21 (5.4)	19 (28)	100 (440)	30 (130)	3.2 (81)	2.1 (54)	*use key*
OFNP	44012yGzz	12	0.24 (6.2)	24 (35)	100 (440)	30 (130)	3.7 (93)	2.4 (62)	*use key*
OFNP	44018yK01	18	0.28 (7.0)	33 (49)	150 (660)	45 (200)	4.1 (105)	2.8 (70)	Plywood reel
OFNP	44024yK01	24	0.31 (7.8)	42 (62)	150 (660)	45 (200)	4.6 (117)	3.1 (78)	Plywood reel

**Only available with TeraFlex® Bend Resistant single mode optical fiber types.*

SINGLE MODE OPTICAL FIBER TYPES

	TeraFlex® Bend Resistant		
	G.657.A1	G.657.A2	G.657.B3
[1]Replace "x" with:	K	J	L
Standard Jacket Colors*	Yellow		

MULTIMODE OPTICAL FIBER TYPES

	TeraGain® 62.5/125	TeraFlex Bend Resistant Laser Optimized 50/125	
		10G/300	10G/550
[1]Replace "y" with:	6	N	P
Standard Jacket Colors*	Orange	Aqua	

**Other jacket colors available upon request.*
See "Optical Fiber Specifications" in the "Technical Info" section for detailed fiber type specifications.

PACKAGING

	Cut to Length Plywood Reel	1,000 ft BrakeBox®	1,500 ft BrakeBox	2,000 ft BrakeBox
[1]Replace "zz" with:	01	BB	BD	BC
Fiber Counts:	All	6 - 12	6 - 12	6

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