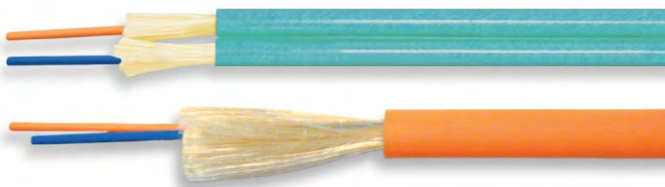
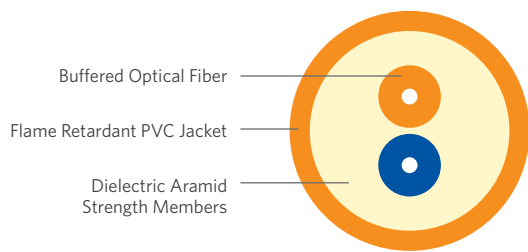
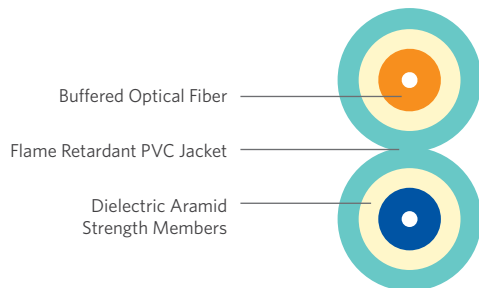


Simplex, Duplex and Quad Interconnect

OFNR/OFNP



Zip Cord Configuration



Round Configuration

SPECIFICATIONS

Configuration	Flexible tight buffered optical fibers surrounded by aramid yarns and covered by a flame retardant jacket
Strength Elements	Dielectric aramid yarns
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-CORE, Issue 2 ANSI/ICEA S-83-596 ANSI/TIA-568-C.3
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	-40°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

PRODUCT DESCRIPTION



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

Simplex, Duplex and Quad Optical Fiber Interconnect Cables are typically used for patch cords and intrabuilding installations. Superior Essex designed these cables for environments where small size, flexible construction and flame resistance are required. These cables are available in both riser and plenum versions. Higher performance optical fibers are offered, including bend insensitive G.657.A1 single mode and 10G/300 OM3 and 10G/550 OM4 laser optimized 50 µm multimode.

The design consists of flexible tight buffer material extruded over the fiber to a diameter of 900 µm for use with standard connectors. Dielectric yarns are applied for additional strength and a flame retardant PVC jacket covers the strength members. Appropriate materials are used to achieve an OFNR (riser) or OFNP (plenum) rating. Standard 2.9 mm and small form factor 2 mm diameters are available for simplex and duplex designs.

APPLICATIONS

- Cross-connects and patch applications
- Communication closets to wall outlets
- Drop ceiling and plenum air space applications

FEATURES

- UL® Certified Environmental Product Declaration (EPD)
- Health Product Declaration™ (HPD™)
- Simplex and duplex zip cord designs in 2 mm and 2.9 mm diameters
- Round, duplex and quad designs
- Marked in feet and meters
- BrakeBox® payout control system

BENEFITS

- Contributes toward 1 LEED point under the Material and Resources credit (MRc)
- Contributes toward 1 LEED point under the MRC
- Meets all the requirements for both standard and small form factor connectors for “in-front-of-the-shelf” applications
- Perfect for in-wall and “behind-the-shelf” applications
- Meets commercial, government and international requirements for length markings
- Adjustable tension control on reel prevents over spin and entangling of cable

SUSTAINABILITY LEADERSHIP



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PART NUMBERS AND PHYSICAL CHARACTERISTICS

Listing	Part Number ¹	Configuration	Fiber Type	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)	
OFNR	33001x101	Round	Single Mode	1	0.11 (2.9)	6 (8)	50 (220)	15 (70)	1.7 (44)	1.1 (29)	Plywood reel
OFNR	A3001x101	Round	Single Mode	1	0.08 (2.0)	3 (4)	50 (220)	15 (70)	1.2 (30)	0.8 (20)	Plywood reel
OFNR	B3002x101	Zip	Single Mode	2	0.11 x 0.24 (2.9 x 6.2)	8 (12)	100 (440)	30 (130)	1.7 (44)	1.1 (29)	Plywood reel
OFNR	C3002x101	Zip	Single Mode	2	0.08 x 0.17 (2.0 x 4.2)	6 (9)	50 (220)	15 (70)	1.2 (30)	0.8 (20)	Plywood reel
OFNR	33002x1zz	Round	Single Mode	2	0.20 (5.0)	14 (21)	100 (440)	30 (130)	3.0 (75)	2.0 (50)	use key
OFNR	33004x1zz	Round	Single Mode	4	0.20 (5.0)	15 (23)	100 (440)	30 (130)	3.0 (75)	2.0 (50)	use key
OFNP	34001x101	Round	Single Mode	1	0.11 (2.9)	6 (9)	50 (220)	15 (70)	1.7 (44)	1.1 (29)	Plywood reel
OFNP	A4001x101	Round	Single Mode	1	0.08 (2.0)	3 (4)	50 (220)	15 (70)	1.2 (30)	0.8 (20)	Plywood reel
OFNP	B4002x101	Zip	Single Mode	2	0.11 x 0.24 (2.9 x 6.2)	8 (11)	100 (440)	30 (130)	1.7 (44)	1.1 (29)	Plywood reel
OFNP	C4002x101	Zip	Single Mode	2	0.08 x 0.17 (2.0 x 4.2)	6 (9)	50 (220)	15 (70)	1.2 (30)	0.8 (20)	Plywood reel
OFNP	34002x1zz	Round	Single Mode	2	0.17 (4.2)	12 (18)	100 (440)	30 (130)	2.5 (63)	1.7 (42)	use key
OFNP	34004x1zz	Round	Single Mode	4	0.17 (4.2)	13 (20)	100 (440)	30 (130)	2.5 (63)	1.7 (42)	use key
OFNR	33001yG01	Round	Multimode	1	0.11 (2.9)	6 (8)	50 (220)	15 (70)	1.7 (44)	1.1 (29)	Plywood reel
OFNR	A3001yG01	Round	Multimode	1	0.08 (2.0)	3 (4)	50 (220)	15 (70)	1.2 (30)	0.8 (20)	Plywood reel
OFNR	B3002yG01	Zip	Multimode	2	0.11 x 0.24 (2.9 x 6.2)	8 (12)	100 (440)	30 (130)	1.7 (44)	1.1 (29)	Plywood reel
OFNR	C3002yG01	Zip	Multimode	2	0.08 x 0.17 (2.0 x 4.2)	6 (9)	50 (220)	15 (70)	1.2 (30)	0.8 (20)	Plywood reel
OFNR	33002yGzz	Round	Multimode	2	0.20 (5.0)	14 (21)	100 (440)	30 (130)	3.0 (75)	2.0 (50)	use key
OFNR	33004yGzz	Round	Multimode	4	0.20 (5.0)	15 (23)	100 (440)	30 (130)	3.0 (75)	2.0 (50)	use key
OFNP	34001yG01	Round	Multimode	1	0.11 (2.9)	6 (9)	50 (220)	15 (70)	1.7 (44)	1.1 (29)	Plywood reel
OFNP	A4001yG01	Round	Multimode	1	0.08 (2.0)	3 (4)	50 (220)	15 (70)	1.2 (30)	0.8 (20)	Plywood reel
OFNP	B4002yG01	Zip	Multimode	2	0.11 x 0.24 (2.9 x 6.2)	8 (11)	100 (440)	30 (130)	1.7 (44)	1.1 (29)	Plywood reel
OFNP	C4002yG01	Zip	Multimode	2	0.08 x 0.17 (2.0 x 4.2)	6 (9)	50 (220)	15 (70)	1.2 (30)	0.8 (20)	Plywood reel
OFNP	34002yGzz	Round	Multimode	2	0.17 (4.2)	12 (18)	100 (440)	30 (130)	2.5 (63)	1.7 (42)	use key
OFNP	34004yGzz	Round	Multimode	4	0.17 (4.2)	13 (20)	100 (440)	30 (130)	2.5 (63)	1.7 (42)	use key

SINGLE MODE OPTICAL FIBER TYPES

	Reduced Water Peak	TeraFlex® Bend Resistant		
		G.657.A1	G.657.A2	G.657.B3
¹ Replace "x" with:	3	K	J	L
Standard Jacket Colors*		Yellow		

MULTIMODE OPTICAL FIBER TYPES

	TeraGain® 62.5/125	TeraGain Laser Optimized 50/125			TeraFlex Bend Resistant Laser Optimized 50/125		
		10G/150	10G/300	10G/550	10G/150	10G/300	10G/550
¹ Replace "y" with:	6	A	B	F	M	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