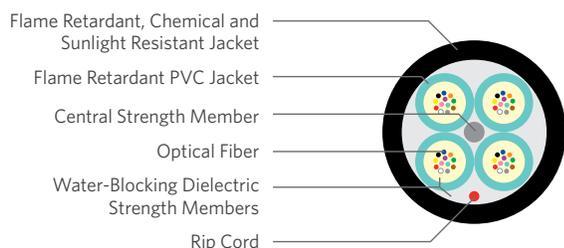
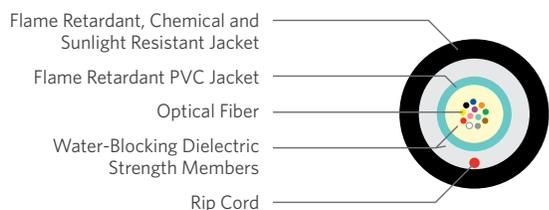


# EnduraLite™ Indoor/Outdoor, Loose Tube

OFNR/OFNP



## SPECIFICATIONS

<b>2 - 12 Fiber Single Unit Configuration</b>	3 mm central subunit surrounded by additional water-blocking glass yarns and an outer jacket
<b>24-48 Fiber Multi-Unit Configuration</b>	3mm subunits stranded around a central strength element and surrounded by water blocking glass yarns, a ripcord and an outer jacket
<b>Subunit Configuration</b>	3mm subunits containing 2 to 12, 250 µm fibers and water blocking aramid yarns surrounded by a flame retardant PVC jacket
<b>Subunit Strength Elements</b>	Water-blocking aramid yarns
<b>Subunit Jacket</b>	Flame retardant (FR) PVC
<b>Strength Elements</b>	Water-blocking glass yarns and/or glass reinforced plastic rod
<b>Outer Jacket</b>	Riser: Black, FR, chemical and sunlight resistant PVC Plenum: Black, FR, chemical and sunlight resistant fluoropolymer
<b>Performance Compliance</b>	UL 1651 CSA C22.2 No. 232 UL 1666 NFPA 262 ANSI/ICEA S-83-596 ANSI/ICEA S-104-696 ANSI/TIA-568-C.3 RoHS-compliant
<b>NRTL Programs</b>	UL, c(UL) Listed OFNR/OFNP UL, c(UL) Listed Sunlight Resistant

## ENVIRONMENTAL SPECIFICATIONS

<b>Operation</b>	-40°C to +75°C
<b>Storage/Shipping</b>	-40°C to +75°C
<b>Installation</b>	0°C to +65°C

## PRODUCT DESCRIPTION

EnduraLite™ Dry Block, Sunlight Resistant Indoor/Outdoor Loose Tube riser and plenum rated cable lines offer the system designer the smallest form factor in a premises indoor/outdoor optical fiber cable. The cables can be installed in open spaces, trays, conduits, inner-ducts, trenches, steam tunnels and building riser or plenum locations. The cables incorporate the latest in dry water-blocking technology which eliminates the need to clean off the traditional gel-based water-blocking compounds. In the single unit design, a 3 mm central tube contains 2 to 12, 250 µm fibers and water-blocking aramid yarns. In the multi-unit design, the waterblocked 3mm subunits are stranded around a central strength element. The tube or core is surrounded by additional water-blocking glass strength elements and an outer jacket, comprised of a rugged UL Listed, sunlight resistant, black polymer that allows for the cable to be exposed to long-term direct sunlight without the concern of material degradation. All fiber types are available, including 50/125 µm, 62.5/125 µm and single mode.

## APPLICATIONS

- Intra/inter-building backbones, such as conduit pathways or tunnels
- Conduit/duct/tray pathways
- Dry or wet locations

## FEATURES

- Exceeds ANSI/TIA-568-C.3 optical performance
- Dry-block design meets Telcordia ANSI/ICEA S-104-696 water-block requirements
- 3 mm subunit
- UL/NEC Listed OFNR/OFNP
- All dielectric
- Jacket rip cord
- Black, UL Listed sunlight resistant outer jacket
- BrakeBox® payout control system
- Tube color indicates fiber type

## BENEFITS

- Future-proof fiber performance for current and future multi-gigabit applications
- Cable integrity maintained even if damage occurs to protective layers
- Attaches directly to MTP® or MPO mechanical connectors
- Eliminates the need to purchase separate cables for OSP and indoor/riser or plenum applications
- No additional grounding materials need to be purchased
- Saves time in cable preparation
- Long periods of direct sunlight exposure will not damage cable
- Adjustable tension control on reel prevents over spin and entangling of cable
- Quickly identifies the fiber type without searching for the jacket print

**PART NUMBER KEY**

<b>F</b>	<b>3 or 4</b>	<b>6</b>	<b>0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>U</b>	<b>x</b>	<b>x</b>	<b>-</b>	<b>E</b>	<b>y</b>	<b>y</b>	<b>1</b>
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Fiber cable	Listing	Cable type		-	Fiber count (002-012)			Fiber type			-	Jacket color	Package		Jacket print

Contact Customer Service for availability of non-standard offerings.

**PART NUMBERS AND PHYSICAL CHARACTERISTICS**

Listing	Part Number <sup>1</sup>	Fiber Count	Nominal Diameter in (mm)	Nominal Weight lbs/kft (kg/km)	Maximum Tensile Loading		Minimum Bend Radius		Package <sup>1</sup>
					Install lbs (N)	Long Term lbs (N)	Install in (mm)	Long Term in (mm)	
OFNR	F360-002Uxx-Eyy1	2	0.24 (6.1)	22 (32)	300 (1,340)	90 (400)	3.6 (88)	2.4 (60)	use key
OFNR	F360-004Uxx-Eyy1	4	0.24 (6.1)	23 (34)	300 (1,340)	90 (400)	3.6 (88)	2.4 (60)	use key
OFNR	F360-006Uxx-Eyy1	6	0.24 (6.1)	23 (34)	300 (1,340)	90 (400)	3.6 (88)	2.4 (60)	use key
OFNR	F360-008Uxx-Eyy1	8	0.24 (6.1)	23 (34)	300 (1,340)	90 (400)	3.6 (88)	2.4 (60)	use key
OFNR	F360-012Uxx-Eyy1	12	0.24 (6.1)	23 (34)	300 (1,340)	90 (400)	3.6 (88)	2.4 (60)	use key
OFNP	F460-002Uxx-Eyy1	2	0.23 (5.8)	27 (41)	300 (1,340)	90 (400)	3.5 (87)	2.3 (58)	use key
OFNP	F460-004Uxx-Eyy1	4	0.23 (5.8)	28 (42)	300 (1,340)	90 (400)	3.5 (87)	2.3 (58)	use key
OFNP	F460-006Uxx-Eyy1	6	0.23 (5.8)	28 (42)	300 (1,340)	90 (400)	3.5 (87)	2.3 (58)	use key
OFNP	F460-008Uxx-Eyy1	8	0.23 (5.8)	28 (42)	300 (1,340)	90 (400)	3.5 (87)	2.3 (58)	use key
OFNP	F460-012Uxx-Eyy1	12	0.23 (5.8)	28 (42)	300 (1,340)	90 (400)	3.5 (87)	2.3 (58)	use key
OFNP	F462-024Uxx-Eyy1	24	0.39 (10.0)	109 (62)	600 (2700)	180 (800)	5.9 (145)	3.9 (96)	use key
OFNP	F462-036Uxx-Eyy1	36	0.39 (10.0)	109 (62)	600 (2700)	180 (800)	5.9 (145)	3.9 (96)	use key
OFNP	F462-048Uxx-Eyy1	48	0.39 (10.0)	109 (62)	600 (2700)	180 (800)	5.9 (145)	3.9 (96)	use key

FIBER TYPES / JACKET COLOR:	SINGLE MODE				MULTIMODE			
	Reduced Water Peak	TeraFlex® Bend Resistant			TeraGain®	TeraFlex Bend Resistant Laser Optimized 50/125		
		G.657.A1	G.657.A2	G.657.B3	62.5/125	10G/150	10G/300	10G/550
<sup>1</sup> Replace "xx" with:	10	13	14	15	23	28	30	32
Indoor/Outdoor Jacket Color	Black				Black			

See "Optical Fiber Specifications" in the "Technical Information" section for detailed fiber type specifications.

PACKAGING:		
Cut to Length Plywood Reel	1,000 ft BrakeBox	
<sup>1</sup> Replace "yy" with:	99	A5