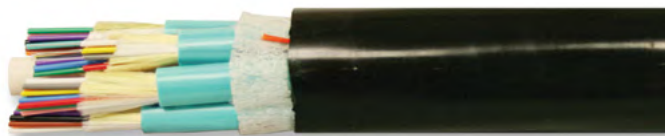
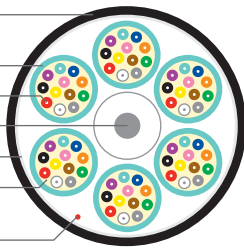


Dry Block, Sunlight Resistant, Indoor/Outdoor, Tight Buffer

OFNR



Flame Retardant, Chemical and Sunlight Resistant PVC Jacket
 Flame Retardant PVC Jacket
 Buffered Optical Fiber
 Central Strength Member
 Water-Blocking Tape
 Water-Blocking Dielectric
 Aramid Strength Members
 Rip Cord



SPECIFICATIONS

2-24 Fiber Single Unit Configuration	Flexible tight buffer material extruded over fiber to 900 µm diameter; color coded fibers are combined with dielectric aramid yarns for strength and water blocking
18-36 Fiber Multi-Unit Configuration	Dry water-blocked 6-fiber sub-units are grouped to form cable core; core consists of sub-units cabled with additional strength members and water-blocking elements
48-144 Fiber Multi-Unit Configuration	Dry water-blocked 12-fiber sub-units are grouped to form cable core; core consists of sub-units cabled with additional strength members and water-blocking elements
Jacket	Flame retardant, chemical and sunlight resistant black PVC
Performance Compliance	UL 1651 CSA C22.2 No. 232 UL 1666 Telcordia® GR-20-CORE, Issue 3 - Water Penetration ANSI/ICEA S-83-596 (single unit designs) ANSI/ICEA S-104-696-2001 (multi-unit designs) ANSI/TIA-568-C.3
NRTL Programs	UL, c(UL) Listed OFNR UL, c(UL) Listed Sunlight Resistant
Sustainability	UL Certified EPD HPD USGBC® Member RoHS-compliant/RoHS 2-compliant REACH-compliant

ENVIRONMENTAL SPECIFICATIONS

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

SUSTAINABILITY LEADERSHIP



RoHS REACH

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PRODUCT DESCRIPTION



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

The Dry Block, Sunlight Resistant Indoor/Outdoor, Tight Buffer Riser-Rated Cable line offers the system designer the ultimate in premises optical fiber cable utility. These cables can be installed in open spaces, trays, conduits, inner-ducts, trenches, steam tunnels and building riser locations. These cables incorporate the latest in dry water-blocking technology. This system of water blocking eliminates the need to clean off the traditional gel-based water-blocking compounds found in loose tube cables. In addition, breakout kits and or other special termination equipment associated with loose tube Outside Plant (OSP) cables are not required. The outer jacket is comprised of a durable UL® Listed, sunlight resistant, black polymer that allows for the cable to be exposed to longterm 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
- Trench/conduit/duct/tray pathways
- Dry or wet locations

FEATURES

- UL Certified Environmental Product Declaration (EPD)
- Health Product Declaration™ (HPD™)
- Exceeds ANSI/TIA-568-C.3 optical performance
- Dry-block design meets ICEA 696 water-block requirements
- 900 µm tight-buffered fibers
- UL/NEC Listed OFNR
- All dielectric
- Jacket rip cord
- Black, UL Listed sunlight resistant outer jacket
- 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
- Future-proof fiber performance for current and future multi-gigabit applications
- Cable integrity maintained even if damage occurs to protective layers
- Attaches directly to mechanical connectors
- Eliminates the need to purchase separate cables for OSP and indoor/riser 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

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 Unit									
OFNR	W3002xxyy	2	0.20 (5.0)	14 (21)	150 (670)	90 (400)	3.0 (75)	2.0 (50)	use key
OFNR	W3004xxyy	4	0.20 (5.0)	15 (23)	150 (670)	90 (400)	3.0 (75)	2.0 (50)	use key
OFNR	W3006xxyy	6	0.20 (5.0)	16 (23)	150 (670)	90 (400)	3.0 (75)	2.0 (50)	use key
OFNR	W3008xxyy	8	0.24 (6.0)	21 (31)	150 (670)	90 (400)	3.5 (90)	2.4 (60)	use key
OFNR	W3012xxyy	12	0.26 (6.5)	25 (38)	150 (670)	90 (400)	3.8 (97)	2.6 (65)	use key
OFNR	W3018xxyy	18	0.55 (14.1)	100 (149)	600 (2,700)	180 (800)	8.3 (211)	5.5 (141)	Plywood reel
Multi-Unit									
OFNR	W3024xx01	24	0.59 (14.9)	122 (182)	600 (2,700)	180 (800)	8.8 (224)	5.9 (149)	Plywood reel
OFNR	W3030xx01	30	0.63 (16.1)	147 (220)	600 (2,700)	180 (800)	9.5 (242)	6.3 (161)	Plywood reel
OFNR	W3036xx01	36	0.70 (17.7)	179 (267)	600 (2,700)	180 (800)	10.5 (266)	7.0 (177)	Plywood reel
OFNR	W3048xx01	48	0.70 (17.8)	161 (241)	600 (2,700)	180 (800)	10.5 (267)	7.0 (178)	Plywood reel
OFNR	W3060xx01	60	0.78 (19.8)	204 (304)	600 (2,700)	180 (800)	11.7 (297)	7.8 (198)	Plywood reel
OFNR	W3072xx01	72	0.84 (21.3)	243 (362)	600 (2,700)	180 (800)	12.6 (320)	8.4 (213)	Plywood reel
OFNR	W3084xx01	84	0.91 (23.2)	294 (439)	600 (2,700)	180 (800)	13.7 (347)	9.1 (232)	Plywood reel
OFNR	W3096xx01	96	0.98 (25.0)	345 (515)	600 (2,700)	180 (800)	14.8 (375)	9.8 (250)	Plywood reel
OFNR	W3144xx01	144	1.11 (28.3)	375 (559)	600 (2,700)	180 (800)	16.7 (425)	11.1 (283)	Plywood reel

SINGLE MODE OPTICAL FIBER TYPES

	TeraFlex® Bend Resistant		
	G.657.A1	G.657.A2	G.657.B3
¹ Replace "xx" with:	K1	J1	L1
I/O Jacket Color	Black		

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

MULTIMODE OPTICAL FIBER TYPES

	TeraGain® 62.5/125	TeraFlex Bend Resistant Laser Optimized 50/125	
		10G/300	10G/550
¹ Replace "xx" with:	6G	NG	PG
I/O Jacket Color	Black		

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®
¹ Replace "yy" with:	01	BB	BD