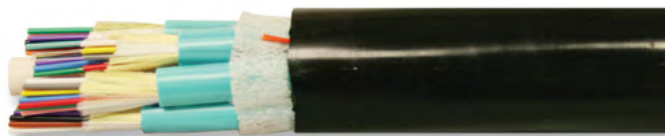


Dry Block, Sunlight Resistant, Indoor/Outdoor, Tight Buffer

OFNR



Flame Retardant, Chemical and Sunlight Resistant PVC Jacket

Flame Retardant PVC Jacket

Buffered Optical Fiber

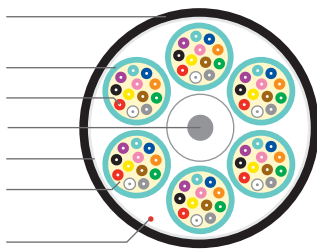
Central Strength Member

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 μ m 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
ANSI/ICEA S-104-696-2001
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



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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 long-term direct sunlight without the concern of material degradation. All fiber types are available, including 50/125 μ m, 62.5/125 μ m 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 μ m 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 NUMBER KEY

F	3	0	8	-	-	-	-	U	z	z	-	E	9	9	1
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Fiber cable	Listing	Cable type	-	Fiber count (012-288)	Fiber type	-	Jacket color	Package	Jacket print						

Contact Customer Service for availability of non-standard offerings.

Part Number ¹	Fiber Type	Fiber Count	Nominal Diameter in (mm)	Nominal Weight lbs/kft (kg/km)	ICEA Tensile Compliance	Maximum Tensile Loading		Minimum Bend Radius	
						Install lbs (N)	Long Term lbs (N)	Install in (mm)	Long Term in (mm)
Single Unit									
W3002xxyy		2	0.20 (5.0)	14 (21)	596	150 (670)	90 (400)	3.0 (75)	2.0 (50)
F308-002Uzz-E991		2			696	300 (1340)			
W3004xxyy		4	0.20 (5.0)	15 (23)	596	150 (670)	90 (400)	3.0 (75)	2.0 (50)
F308-004Uzz-E991		4			696	300 (1340)			
W3006xxyy		6	0.20 (5.0)	16 (23)	596	150 (670)	90 (400)	3.0 (75)	2.0 (50)
F308-006Uzz-E991		6			696	300 (1340)			
W3008xxyy		8	0.24 (6.0)	21 (31)	596	150 (670)	90 (400)	3.5 (90)	2.4 (60)
F308-008Uzz-E991		8			696	300 (1340)			
W3012xxyy		12	0.26 (6.5)	25 (38)	596	150 (670)	90 (400)	3.8 (97)	2.6 (65)
F308-012Uzz-E991		12			696	300 (1340)			
F308-024Uzz-E991		24							
Multi-Unit									
W3024xx01		24	0.59 (14.9)	122 (182)	696	600 (2,700)	180 (800)	8.8 (224)	5.9 (149)
W3036xxyy		36	0.70 (17.7)	179 (267)	696	600 (2,700)	180 (800)	10.5 (266)	7.0 (177)
W3048xxyy		48	0.70 (17.8)	161 (241)	696	600 (2,700)	180 (800)	10.5 (267)	7.0 (178)
W3072xxyy		72	0.84 (21.3)	243 (362)	696	600 (2,700)	180 (800)	12.6 (320)	8.4 (213)
W3096xxyy		96	0.98 (25.0)	345 (515)	696	600 (2,700)	180 (800)	14.8 (375)	9.8 (250)
W3144xxyy		144	1.11 (28.3)	375 (559)	696	600 (2,700)	180 (800)	16.7 (425)	11.1 (283)

SINGLE MODE OPTICAL FIBER TYPES

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

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

MULTI-MODE OPTICAL FIBER TYPES

TeraGain®			
	TeraFlex Bend Resistant Laser Optimized 50/125		
	62.5/125	10G/300	10G/550
¹ Replace "xx" with:	6G	NG	PG
¹ Replace "yy" with:			
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
Fiber Counts:	All	2-12	2-6