

PremisesLink™ Distribution



For IntraBuilding Backbones, Communications Closets and Connectorized Cables

Features and Benefits

Buffered Fibers

- 900 µm buffered fibers protect fibers during handling and allow for ease of stripping

Flexible Design

- Cable design and flexible buffer tubes allow for quick breakout and ease of routing

Identification

- Buffered fibers are TIA 598-B color coded for easy identification
- Sheath markings provide positive identification and length verification

UL and c(UL) Listed

- OFNR and OFN-FT4 rated for Riser applications
- OFNP and OFN-FT6 rated for Plenum applications

Variety of Options

- Single-Mode, multimode and mixed fiber versions available
- 850 nm Laser Optimized 50 µm fiber available
- Riser (OFNR) and Plenum (OFNP) rated versions available

Performance

- Tested in accordance with GR-409 and ICEA-596
- Complies with ANSI/EIA/TIA 568B.3
- The complete cable and all subcomponents are RoHS-compliant

Registered Supplier

- ISO 9001, ISO 14001, and TL 9000



PremisesLink™ Distribution

Performance Specifications

Fiber Count	Cable Diameter (mm)		Tensile Rating--Installation		Tensile Rating--Service	
	Riser	Plenum	Riser	Plenum	Riser	Plenum
6	4.8	4.8	1335 N (300 lb)	440 N (100 lb)	440 N (100 lb)	132 N (30 lb)
8	5.4	5.4	1335 N (300 lb)	440 N (100 lb)	440 N (100 lb)	132 N (30 lb)
12	6.2	6.2	1335 N (300 lb)	440 N (100 lb)	440 N (100 lb)	132 N (30 lb)
24 (4 x 6)	14.5	12.9	2670 N (600 lb)	1335 N (300 lb)	800 N (180 lb)	440 N (100 lb)
24 (2 x 12)	7.2 x 13.4	7.2 x 13.4	2670 N (600 lb)	1335 N (300 lb)	800 N (180 lb)	440 N (100 lb)
36	19.5	15.9	2670 N (600 lb)	1335 N (300 lb)	800 N (180 lb)	440 N (100 lb)
48	18.4	15.5	2670 N (600 lb)	1335 N (300 lb)	800 N (180 lb)	440 N (100 lb)
72	22.0	20.1	2670 N (600 lb)	1335 N (300 lb)	800 N (180 lb)	440 N (100 lb)
96	22.2	n/a	2670 N (600 lb)	n/a	800 N (180 lb)	n/a
144	25.4	n/a	2670 N (600 lb)	n/a	800 N (180 lb)	n/a

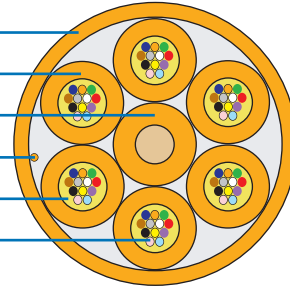
Temperature Rating	Riser		Plenum	
Operation	-20° to +70° C	-4° to +158° F	-20° to +70° C	-4° to 158° F
Installation	-20° to +70° C	-4° to +158° F	0° to +60° C	32° to 140° F
Storage/Shipping	-40° to +70° C	-40° to +158° F	-40° to +70° C	-40° to +158° F

Min Bend Radius	Installation (full tension): 20 x Cable Diameter*	Service (Service Tension): 10 x Cable Diameter
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* Minimum Installation/Service Bend Radius for 144 count design is 30x/15x Cable Diameter

Cable Construction

- Flame Retardant Outer Jacket
- Sub-Unit Jacket (multi-unit designs only)
- Central Strength Member (stranded designs only)
- Ripcord
- Aramid Strength Yarns
- Tight-Buffered Fiber



Ordering Information

Select a part number according to the fiber count you want:

Fiber Count	1	2		3		4	
0006/8/0012	<input type="checkbox"/>	<input type="checkbox"/>	HNTATJ	<input type="checkbox"/>	N	<input type="checkbox"/>	(single unit)
0024	<input type="checkbox"/>	<input type="checkbox"/>	46TATJ	<input type="checkbox"/>	N	<input type="checkbox"/>	(4 X 6F subunits)
0024	<input type="checkbox"/>	<input type="checkbox"/>	2TTATJ	<input type="checkbox"/>	N	<input type="checkbox"/>	(2 X 12F subunits)
0036	<input type="checkbox"/>	<input type="checkbox"/>	66TATJ	<input type="checkbox"/>	N	<input type="checkbox"/>	(6 X 6F subunits)
0048	<input type="checkbox"/>	<input type="checkbox"/>	4TTATJ	<input type="checkbox"/>	N	<input type="checkbox"/>	(4 X 12F subunits)
0072	<input type="checkbox"/>	<input type="checkbox"/>	6TTATJ	<input type="checkbox"/>	N	<input type="checkbox"/>	(6 X 12F subunits)
0096	<input type="checkbox"/>	<input type="checkbox"/>	8TTATJ	R	N	<input type="checkbox"/>	(8 X 12F subunits--Riser only)
0144	<input type="checkbox"/>	<input type="checkbox"/>	TTTATJ	R	N	<input type="checkbox"/>	(12 X 12F subunits--Riser only)

Then, use the following options to complete the part number:

1 2	FiberType	Test Wavelengths	Max. Attenuation	MM Bandwidth (MHz*km)	Maximum Link Length (m)
LN	62.5 μm MMF (OM1)	850/1300 nm	3.0/1.0 dB/km	200 (220 RML)/500	300/600 @ 1GbE
LD	Corning InfiniCor® CL1000 62.5 μm MMF (OM1)	850/1300 nm	3.0/1.0 dB/km	385 (RML)/500	500/1000 @ 1GbE
MN	50 μm MMF (OM2)	850/1300 nm	3.0/1.0 dB/km	500/500	600/600 @ 1GbE
ME	Corning ClearCurve® OM2 50 μm MMF	850/1300 nm	3.0/1.0 dB/km	700*/500	150 @ 10GbE (850nm), 750/600 @ 1GbE
TG	Corning ClearCurve® OM3 50 μm MMF	850/1300 nm	3.0/1.0 dB/km	2000*/500	300 @ 10GbE, 1000 @ 1 GbE (850nm only)
TH	Corning ClearCurve® OM4 50 μm MMF	850/1300 nm	3.0/1.0 dB/km	4700*/500	550 @ 10GbE, 1200 @ 1 GbE (850nm only)
HE	Low Water Peak SMF	1310/1383/1550 nm	0.7/0.7/0.7 dB/km	n/a	n/a (consult equipment manufacturer)
ZE	Corning SMF-28e+™	1310/1383/1550 nm	0.7/0.7/0.7 dB/km	n/a	n/a (consult equipment manufacturer)
RH	Corning SMF-28e XB™	1310/1383/1550 nm	0.5/0.5/0.5 dB/km	n/a	n/a (consult equipment manufacturer)

* Effective Modal Bandwidth is characterized by Differential Mode Delay (DMD) measurement per EIA/TIA-455-220.

Note: if you don't see the fiber you need, please refer to the Fiber Code Addendum or contact us.

3 UL Rating

R = Riser
P = Plenum

4 Jacket Color

N = Orange
Y = Yellow
Q = Aqua

Example:

If you need a Riser-Rated 96 count PremisesLink™ Distribution cable with a yellow jacket and Single-Mode LWP Fiber with 0.7/0.7 dB/km attenuation, order part number 0096HE8TTATJRNY.

To place an order please contact us in one of the following ways:

Telephone (800) 669-0808 (Inside Sales)

Fax (800) 951-5040

comm.cables@prysmian.com

