

# PremisesLink™ Duplex & Quad

For Horizontal Runs, Patch Cords, Jumpers and Pigtails

## Features and Benefits

### Buffered Fibers

- Colored buffers for ease of identification, as per TIA-598B
- High quality buffering offers ease of stripping while maintaining optical performance

### Compact Design

- Small diameter and flexible jackets allow for routing in tight spaces such as panels, cable trays and fiber to the desk applications

### Versatile

- Wide variety of diameters to meet your application needs

### Identification

- Sheath markings provide positive identification and length verification

### Variety of Options

- Single-Mode and multimode versions available
- 850 nm Laser Optimized 50 μm fiber available
- Riser (OFNR) and Plenum (OFNP) rated versions available
- Low smoke versions available
- Other custom options 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



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## Performance Specifications

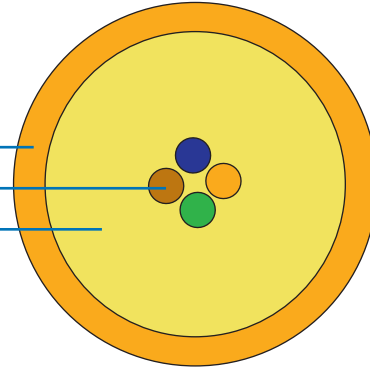
Fiber Count	Cable Diameter (mm)		Tensile Rating--Installation		Tensile Rating--Service	
	Riser	Plenum	Riser	Plenum	Riser	Plenum
2	2.9	2.9	220 N (50 lb)	220 N (50 lb)	67 N (15 lb)	67 N (15 lb)
2	4.8	4.8	220 N (50 lb)	220 N (50 lb)	67 N (15 lb)	67 N (15 lb)
4	4.8	4.8	220 N (50 lb)	220 N (50 lb)	67 N (15 lb)	67 N (15 lb)

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

Minimum Bend Radius	Installation (full tension): 20 x Cable Diameter	Service (Service Tension): 10 x Cable Diameter

# Cable Construction

Flame Retardant Jacket  
 Tight Buffered Fiber  
 Aramid Strength Yarns



# Ordering Information

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

Fiber Count **1** **2** **3** **4** **5** **6**  
 0002/0004   HN  AH  N

<b>1</b> <b>2</b>	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
MD	Corning InfiniCor® SXi 50 μm MMF (OM2)	850/1300 nm	3.0/1.0 dB/km	700*/500	150 @ 10GbE (850nm), 750/600 @ 1GbE
TC	Corning InfiniCor® SX+ 50 μm LOMMF (OM3)	850/1300 nm	3.0/1.0 dB/km	2000*/500	300 @ 10GbE, 1000 @ 1 GbE (850nm only)
TE	Corning InfiniCor® eSX+ 50 μm LOMMF (OM3+)	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** Tight-Buffer OD  
 S = 600 micron  
 T = 900 micron

**4** Jacket OD (w/ available Ratings & TB ODs)  
 H = 2.9 mm (600 micron Duplex Riser only)  
 J = 4.8 mm (600 & 900 micron, Riser & Plenum)

**5** UL Rating  
 R = Riser (OFNR)  
 P = Plenum (OFNP)  
 Z = Riser-Low Smoke (OFNR-LS)

**6** Jacket Color  
 N = Orange  
 Y = Yellow  
 Q = Aqua

### Example:

If you need a PremisesLink™ Riser-Rated Quad cable with a yellow jacket and Single-Mode LWP fiber with 0.7/0.7 dB/km attenuation order part number 0004HEHNTAHJRNY.

### 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

