

AllterraLink™

Tight-Buffered Cable for Structured Cabling Applications



Features and Benefits

Campus Structured Design

- Ideal for communications closets, intrabuilding and interbuilding backbones
- Plenum rating provides flexibility in application and usage

Water Blocking Aramid Strength Yarns

- Provides water blocking performance to meet GR-20 water penetration requirements
- Lightweight, compact and strong

Tight-Buffered Fibers

- Increases mechanical strength
- Speeds field connectorization
- Easy to identify and handle
- Ideal for connectorized assemblies

Flame Retardant Jacket

- Plenum rated design complies with NFPA 262 (equivalent to UL910) and is OFNP and OFN-FT6 rated

UV-Stabilized Jacket

- Longer lifespan for applications which require exposure to sunlight

Flexible Jacket Design

- Easy to handle and install

All-Dielectric Construction

- Easy access to cable core
- No metallic elements to bond or ground

Sheath Markings

- Provides positive identification and length verification
- Custom print available

Registered Supplier

- ISO 9001, ISO 14001, and TL 9000



Bend Radius

Dynamic	20 x Cable OD
Static	10 x Cable OD

Tensile Rating

	N	lbf
Installation	660	150
Residual	165	37

Crush Resistance

	N/mm	lbf/in
	10	57

Temperature Ratings

	°C	°F
Operation	-20 to +50	-4 to +122
Installation	0 to +50	32 to +122
Storage/Shipping	-40 to +65	-40 to +149

Nominal Design Parameters

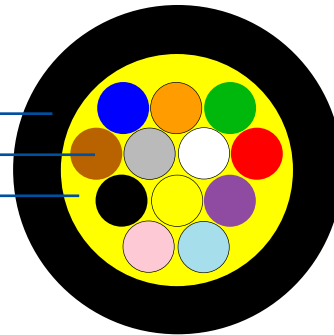
Fiber Count		2	4	6	8	12
Tight Buffer OD	(mm)	0.9	0.9	0.9	0.9	0.9
	(inches)	0.035	0.035	0.035	0.035	0.035
Cable OD	(mm)	4.8	4.8	4.8	5.4	6.2
	(inches)	0.19	0.19	0.19	0.21	0.24
Cable Weight	(kg/km)	18.4	20.5	24.1	28.4	35.6
	(lb/kft)	12.4	13.8	16.2	19.1	23.9
Max. Length	(m)	4,479	4,479	4,479	3,539	2,685
	(ft)	14,691	14,691	14,691	11,608	8,807

Cable Construction

Flame Retardant Jacket

Tight Buffered Fiber

Water Blocking Aramid Yarns



Ordering Information

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

Fiber Count **1** **2**

0002-0012 HNTAZJPNK Note: Available in counts of 2, 4, 6, 8 and 12 only.

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

1 Fiber Type

S = Single-Mode

H = Single-Mode Low Water Peak G.652(d)

L = Multimode 62.5µm (min. 200/500 MHz*km BW)

M = Multimode 50µm (min. 500/500 MHz*km BW)

T = MM 10 Gig 50µm (min. 2000 MHz*km Laser BW @850)

Note: Please call if you have special requirements for fiber type or attenuation.

2 Attenuation

E = 0.70/0.70 dB/km @ 1310/1550 nm (SM fiber only)

B = 3.5/1.5 dB/km @ 850/1310 nm (MM fiber only)

Example:

If you need a 6 fiber AllterraLink™ cable with Single-Mode fiber and 0.70/0.70 attenuation, order Part Number 0006SEHNTAZJPNK.

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

