

AllterraLink MDU™

Tight-Buffered Cable for MDU Applications



Features and Benefits

Ruggedized Design

- Ideal for Fiber-to-the-Premises applications in Multi-Dwelling Units
- Can be installed without conduit or protective moldings

Larger, Thicker Jacket Than Standard Cordage

- Provides additional crush resistance
- Limits bend radius of the fiber when installed around sharp corners
- Reduces stresses that can lead to fiber breakage after installation

Increased Aramid Content

- Increases tensile strength over standard cordage
- Reduces stresses that can lead to fiber breakage after installation

Flame Retardant Jacket

- Available with Plenum (OFNP/OFN-FT6) or Riser (OFNR/OFN-FT4) Ratings
- Allows code-compliant installation in a wide range of settings

Available in Black or White

- White jacket easily blends into indoor settings
- Black jacket provides additional UV protection

Flexible Jacket Design

- Easy to handle and install

All-Dielectric Construction

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

Standards-Compliant

- Designed and tested against ANSI/ICEA

Registered Supplier

- ISO 9001, ISO 14001, and TL 9000



AllterraLink MDU™

Bend Radius

Dynamic	20 x Cable OD
Static	Varies according to fiber type A 90° corner bend is acceptable for cables containing 5mm rated fiber

Tensile Rating	N	lbf
Installation	440	100
Residual	132	30

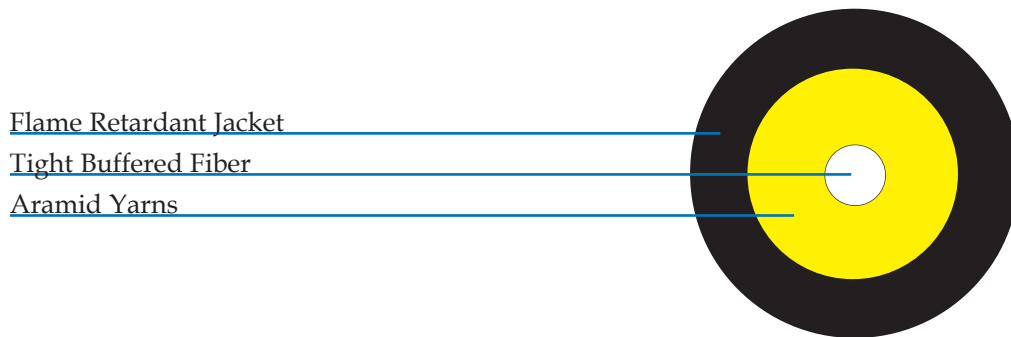
Crush Resistance	N/mm	lbf/in
	10	57

Temperature Ratings	°C	°F
Operation	-40 to +70	-40 to +158
Installation	-10 to +60	14 to +140
Storage/Shipping	-40 to +70	-40 to +158

Nominal Design Parameters

Fiber Count		1
Tight Buffer OD	(mm)	0.9
	(inches)	0.035
Cable OD	(mm)	4.8
	(inches)	0.19
Cable Weight	(kg/km)	18.4
	(lb/kft)	12.4
Max. Length	(m)	4,479
	(ft)	14,691

Cable Construction



Ordering Information

Select a part number according to the following options:

Fiber Count **1** **2** **3** **4**
 0001 HNTAHJ N

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

1 2	FiberType	Attn. at Min. BR*	Test Wavelengths	Max. Attenuation	MM Bandwidth (MHz*km)	Maximum Link Length (850/1300 nm)
ZH	FTTP-Optimized SMF	0.03 dB @ 16 mm	1310/1383/1550 nm	0.5/0.5/0.5 dB/km	n/a	n/a (consult equipment manufacturer)
RH	SMF-28e XB™ (G.657A)	0.5 dB/turn @ 10mm	1310/1383/1550 nm	0.5/0.5/0.5 dB/km	n/a	n/a (consult equipment manufacturer)
RK	Corning ClearCurve™	0.10 dB/turn @ 5mm	1310/1383/1550 nm	0.5/0.5/0.5 dB/km	n/a	n/a (consult equipment manufacturer)

*Attenuation at Minimum Bend Radius is measured at 1550 nm at the smallest bend radius for which each fiber type is rated. Please consult the respective fiber datasheets for additional ratings.

3 Flame Rating

R = Riser
 P = Plenum* (pending approval)

4 Jacket Color

F = White
 K = Black

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

Example:

If you need a Riser-Rated AllterraLink MDU™ cable with a white jacket and FTTP-Optimized Single-Mode fiber with 0.50/0.50 attenuation, order Part Number 0001ZHHNTAHJRNF.

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

