

ActionLink™

Mini Loose Tube Cable for Mini-Duct Cable Jetting Applications



Features and Benefits

Designed for Use with Mini-Duct Systems

- Multiple mini-ducts can be placed within a single, standard-sized duct
- Branches in a route can be fed by individual mini-ducts
- Mini-Duct branching eliminates costly fiber splicing operations
- Cables can be installed incrementally as a project is built out
- Up-front expenses are reduced and Return On Investment is accelerated

Designed for Specific Mini-Duct Sizes

- ActionLink 100 is for 10/8 mm (OD/ID) mini-duct
- ActionLink 300 and 600 are for 12/10 mm (OD/ID) mini-duct

Precision-Engineered

- High-strength materials ensure mechanical performance
- Tight cable diameter control permits smaller duct sizing

Compact, Light-Weight Design

- Easy for craftspeople to handle and install
- Can be installed with light-weight cable jetting equipment

Stranded Tube Design

- Craft-friendly, standard loose tube construction
- Reverse Oscillating Lay (ROL) facilitates mid-span access

Sheath Markings

- Provide positive identification and length verification

Tracer Wire Available

- Single 19AWG wire allows tone location of cable (available in ActionLink 600 only)

Registered Supplier

- ISO 9001, ISO 14001, and TL 9000



ActionLink™

Performance Specifications

Bend Radius

Dynamic	20 x Cable OD
Static	10 x Cable OD

Tensile Rating

	N	lbf
ActionLink™ 100		
Installation	455	100
Residual	134	30
ActionLink™ 300		
Installation	1350	300
Residual	400	90
ActionLink™ 600		
Installation	2700	600
Residual	800	180

Temperature Ratings

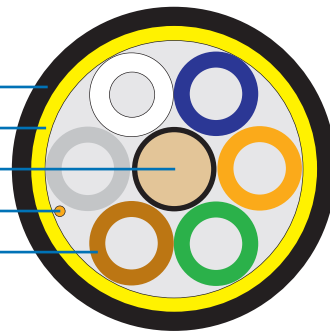
	°C	°F
Operation	-40 to +70	-40 to +158
Installation	-30 to +60	-22 to +140
Storage/Shipping	-40 to +75	-40 to +167

Nominal Design Parameters

Cable Design		ActionLink™ 100	ActionLink™ 300	ActionLink™ 600
Fiber Count		2-60	2-72	2-72
Mini-Duct OD/ID	(mm)	10/8	12/10	12/10
Buffer Tube Count		5	6	6
Max. Fibers/Tube		12	12	12
Buffer Tube OD	(mm)	1.9	1.9	1.9
	(inches)	0.075	0.075	0.075
Cable OD	(mm)	6.7	7.45	7.5
	(inches)	0.26	0.29	0.30
Cable Weight	(kg/km)	32	36	38
	(lb/kft)	22	24	25
Max. Length	(m)	26,365	25,534	14,000
	(ft)	86,477	83,752	45,920

Cable Construction

Outer Jacket
 Water-Blocking Strength Members (where applicable)
 Central Strength Member
 Ripcord
 Gel-Filled Buffer Tube Containing up to 12 Fibers



Ordering Information

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

Fiber Count	1	2	3
0002-0006	<input type="checkbox"/>	<input type="checkbox"/>	S1LAVESH <input type="checkbox"/>
0008-0036	<input type="checkbox"/>	<input type="checkbox"/>	T1LAVESH <input type="checkbox"/>
0038-0072	<input type="checkbox"/>	<input type="checkbox"/>	S1LAVESH <input type="checkbox"/>

Note: Standard lay-up for fiber counts of 12 or more is 12 fibers per tube. Please call for custom lay-ups.

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

1 Fiber Type

H = G.652(d) Single-Mode Low Water-Peak
 Z = Corning SMF-28e+™ Low Water-Peak Fiber

3 Maximum Tensile Rating

V = 100 Pounds
 P = 300 Pounds
 A = 600 Pounds

2 Attenuation

B = 0.35/0.25 dB/km @ 1310/1550 nm
 C = 0.40/0.30 dB/km @ 1310/1550 nm

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

Example:

If you need a 36 count ActionLink™ 100 Cable with Low Water-Peak, Single-Mode fiber and 0.35/0.25 attenuation order Part Number 0036HBT1LAVESHV.

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

