

Mini LT Cable

Flat Drop

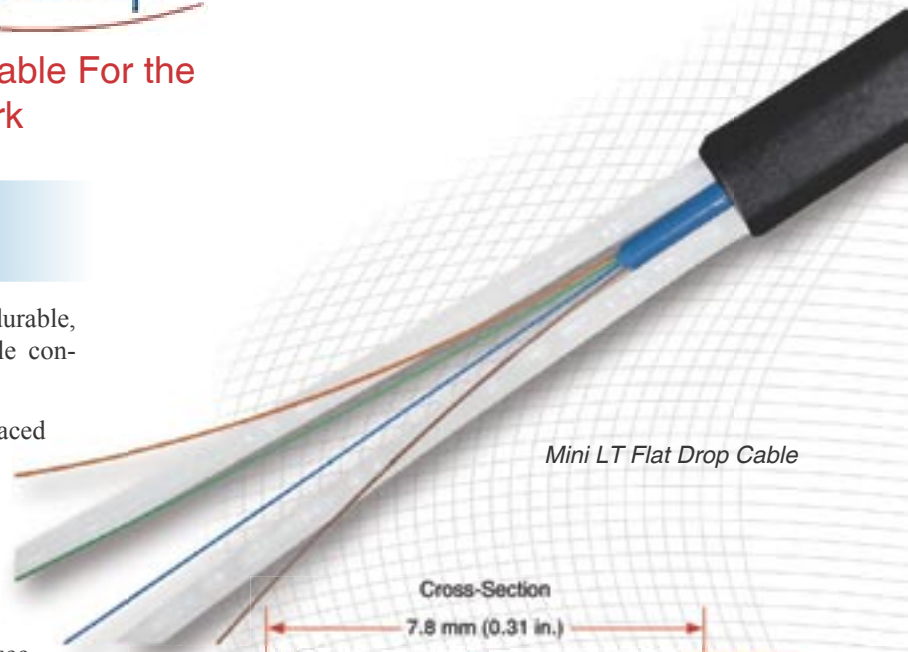


Compact and Easy-to-Access Fiber Cable For the Last Link In Your Optical FTTx Network

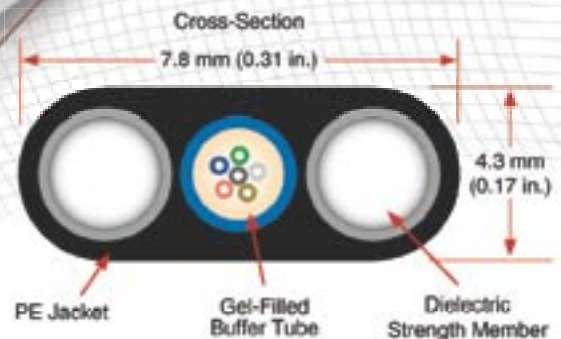
Product Description

The Mini LT Flat Drop Cable offers a compact, durable, self-supporting fiber cable in an easily accessible construction.

To construct the cable core, up to 12 optical fibers are placed in a 2.0 mm gel-filled buffer tube to create a flexible and easy-to-access core. Next, two fiberglass rods are placed diametrically opposite on either side of the fiber core, providing excellent crush resistance and tensile strength during installation and over the lifetime of the cable. The rods and fiber core are then encapsulated in a durable polyethylene jacket to create a flat cable cross-section and provide added protection to the core.



Mini LT Flat Drop Cable



Why the Mini LT Flat Drop Cable?

The small, lightweight Mini LT Flat Drop Cable offers an ideal solution for the smaller fiber counts that are needed in the final sections of an optical network, particularly in a fiber-to-the-premise (FTTx) installation. The buffer tube fiber core offers easy access and a familiar design for customers who are accustomed to working with loose tube cables.

The flat, rugged construction of the Mini LT Cable is specifically designed for self-supporting aerial deployments and is fully compatible with the type of aerial hardware shown on the reverse page, allowing faster, lower cost installations. The superior crush resistance and durability of the Mini LT Cable also make it robust enough for below-grade installations in ducts or open trenches.

In addition, the all-dielectric Mini LT Flat Drop Cable saves money by eliminating the need for expensive bonding or grounding.

Also available with:



See reverse page for ordering details.

Features and Benefits:

- Compact, easy-to-access design allows for easy installation and handling
- Suitable for self-supporting aerial, direct buried, and duct FTTx drop installations
- Compatible with industry-standard wedge clamps and closure strain reliefs
- Excellent tensile strength and crush-resistance
- Optimized for fiber counts of 1, 2, 4, 6, and 12 for minimizing deployment costs
- All-dielectric construction eliminates the need for bonding or grounding
- 300 pound Maximum Rated Cable Load (MRCL)
- Standard availability with AllWave® Zero Water Peak (ZWP) Single-Mode, TrueWave®, and Multimode Fibers. AllWave FLEX ZWP Fiber available as an option.
- RDUP (formerly RUS) listed and compliant with ANSI/ICEA, Telcordia (formerly Bellcore), and IEC specifications for reliable performance



*Diamond/Sachs drop wire clamp
(aluminum 1-2 pair, serrated shim)*



Technical Information

Specifications				
Fiber Count	1, 2, 4, 6, and 12			
Cable Dimensions	4.3 mm x 7.8 mm (0.17 in. x 0.31 in.)			
Cable Weight	32 kg/km (21 lb/kft)			
Performance Standard				
Tested per Applicable Requirements of ANSI/ICEA S-110-717				
Handling				
Minimum Bend Radius, With Load	15 cm (6 in.)			
Minimum Bend Radius, With No Load	7.5 cm (3 in.)			
Minimum Bend Radius, Storage Coils	15 cm (6 in.)			
Maximum Rated Cable Load (MRCL)	1335 N (300 lbf)			
Maximum Long Term Load	667 N (150 lbf)			
Temperature:	Installation:	-30°C to 60°C (-22°F to 140°F)		
	Operation:	-40°C to 70°C (-40°F to 158°F)		
	Storage:	-40°C to 75°C (-40°F to 167°F)		
Aerial Span Information				
Storm Loading Region	1% Midspan Sag at Installation		3% Midspan Sag at Installation	
	Max Span	Installation Tension	Max Span	Installation Tension
Heavy	140 ft.	42 lbf.	175 ft.	18 lbf.
Medium	260 ft.	78 lbf.	350 ft.	35 lbf.
Light	290 ft.	87 lbf.	400 ft.	40 lbf.

Ordering Information

Fiber Type*	Cable Code
AllWave ZWP Single-Mode Fiber	AT-3BE8T7X-NNN
AllWave FLEX ZWP Single-Mode Fiber	AT-3B08T7X-NNN
Where: NNN = Fiber count (001, 002, 004, 006, or 012)	
* Contact OFS for information on other fiber types.	
Also available: OFS' Toneable Mini LT Drop Cable, a locatable cable for below-grade installations. Contact your sales representative for details.	

For additional information please contact your sales representative. You can also visit our website at <http://www.ofsoptics.com> or call 1-888-fiberhelp.

AllWave is a registered trademark of Furukawa Electric North America, Inc.

OFS reserves the right to make changes to the prices and product(s) described in this document in the interest of improving internal design, operational function, and/or reliability. OFS does not assume any liability that may occur due to the use or application of the product(s) and/or circuit layout(s) described herein.

This document is for informational purposes only and is not intended to modify or supplement any OFS warranties or specifications relating to any of its products or services.

Copyright © 2006 Furukawa Electric North America, Inc. All rights reserved, printed in USA.

OFS
Marketing Communications
osp-142-0606

