



Gel-Filled Loose Tube

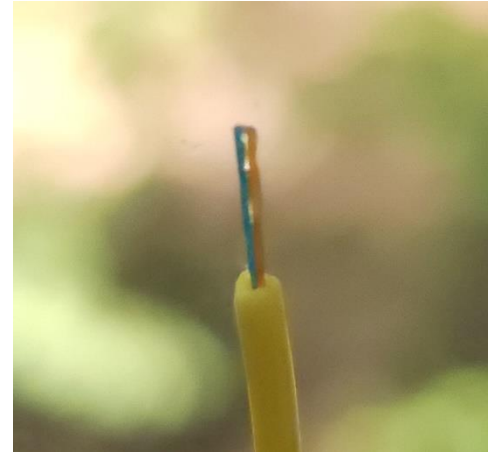
1 to 12 Channels

Lightweight & Flexible



Gel Filled Loose Tube

Some hybrid cable designs benefit from isolating the fiber optics from large conductors and other elements that may crush the fiber and induce attenuation. In these cases, traditionally a fiber in a metal tube, or FIMT, is used. FIMT is heavy, stiff and expensive. Polymer loose tubes offer the protection and isolation of the internal fibers, but provide a lightweight, flexible and cost-effective alternative to FIMT. A robust, field proven, package for your vital communication link.



Features

- Sizes range from 1.6mm to 3mm OD
- 1-channel to 12-channel designs available
- Singlemode, multimode or a combination of both.
- Thixotropic gel filled
- Dry tubes also available
- Long continuous lengths >3km available
- Color coded fibers and/or jacketing

Advantages

- Highly Flexible
- Thin, lightweight, yet strong
- Custom design services available





Singlemode

Spec No.	Part No.	OD (mm)	Attenuation @ 1310nm (dB/km)	Attenuation @ 1550nm (dB/km)	Fiber Type	Weight (kg/km)
LINDEN-SPE-7283	2-SM-V-63	1.6	0.35	0.25	Two (2) x Singlemode	1.64
LINDEN-SPE-7265	2-SM-V-102	2.6	0.35	0.25	Two (2) x Singlemode	5.09
LINDEN-SPE-7264	4-SM-V-102	2.6	0.35	0.25	Four (4) x Singlemode	5.09
LINDEN-SPE-7267	8-SM-U-114	2.9	0.35	0.25	Eight (8) x Singlemode	5.9
LINDEN-SPE-7299	12-SM-U-114	2.9	0.45	0.40	Twelve (12) x Singlemode	5.9
LINDEN-SPE-7266	5-SM-I-118	3.0	0.40	0.30	Fiver (5) x Singlemode	5.7
LINDEN-SPE-7271*	4-SM-V-102-O-217-FQ-265	6.7	0.45	0.35	Four (4) x Singlemode	1.035 S.G

Multimode

Spec No.	Part No.	OD (mm)	Attenuation @ 850nm (dB/km)	Attenuation @ 1300nm (dB/km)	Fiber Type	Weight (kg/km)
LINDEN-SPE-7389	2-F-V-63	1.6	3.0	1.0	Two (2) x 50µm	1.64
LINDEN-SPE-7284	2-I-V-63	1.6	3.0	0.6	Two (2) x 62.5µm	1.64
LINDEN-SPE-7445	1-F-J-36-TT-70	1.8	3.0	1.0	One (1) x 50µm	2.00
LINDEN-SPE-7390	4-F-V-102	2.6	3.0	1.0	Four (4) x 50µm	5.09

Singlemode & Multimode

Spec No.	Part No.	OD (mm)	Attenuation @ 850nm/1300nm (dB/km)	Attenuation @ 1310nm/1550nm (dB/km)	Fiber Type	Weight (kg/km)
LINDEN-SPE-7357	2-SM-2-MM-V-102	2.6	3.0/1.0	0.35/0.25	Two (2) x Singlemode & Two (2) x 50µm	5.09

*Denotes Buoyant Design

CONTACT LINDEN FOR DRAWINGS, SPECIFICATIONS OR CUSTOM REQUIREMENTS



Linden Photonics, Inc.

1 Park Drive, Unit 8, Westford MA 01886

Phone: 978-392-7985

Email: info@LindenPhotonics.com

Web: www.LindenPhotonics.com