

An aerial photograph of a dirt road winding through a valley. The road is light brown and runs from the bottom left towards the center. The surrounding area is covered in dense green trees and shrubs. A green ribbon cable is overlaid on the image, following the path of the road. The text is centered over the image.

Ribbon Cables
High Temperature
Robust / Simple Design



Ribbon Cable

Our advanced fiber optic ribbon cable is built for exceptional performance in challenging environments. Designed with a robust buffering system and a compact profile, it ensures reliable data transmission with low optical loss across multiple channels. The cable's superior flexibility and durability make installation effortless, even in confined spaces. Engineered to meet rigorous industry standards, it delivers lasting reliability and high-speed performance, making it an ideal choice for demanding communication needs.



Features

- **Robust Buffering System:** Superior protection for consistent performance in harsh environments.
- **Compact Design:** Enables easy routing and installation in confined spaces.
- **Temperature:** Standard telcom temp rating or +125C rating.
- **Exceptional Flexibility:** Facilitates simplified installation with a small bend radius.
- **Durable Construction:** Offers long-lasting reliability in demanding operational conditions.
- **Lightweight Design:** Reduces overall system weight without compromising durability.
- **Multi-Channel Capability:** Supports high data capacity with options for multiple fiber configurations.

Advantages



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

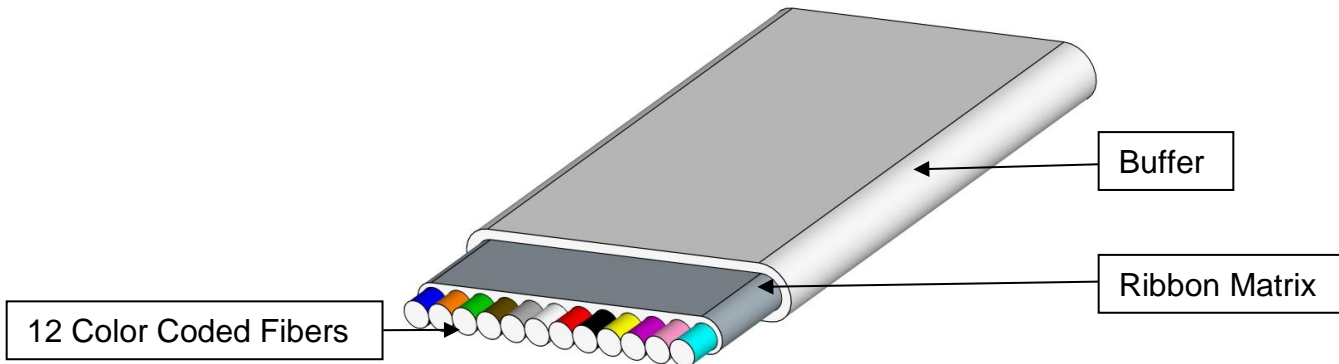


Multimode

Spec No.	Part No.	Buffer	Attenuation @ 850nm (dB/km)	Attenuation @ 1300nm (dB/km)	Fiber Type	Weight (kg/km)
LINDEN-SPE-7578	12-AM-G-VV-13-140	PEI	4.0	2.5	Twelve (12) x 50µm OM4	2.0
LINDEN-SPE-7579	12-AM-G-M-13-140	Fluoropolymer	4.0	2.5	Twelve (12) x 50µm OM4	2.0

Multimode – High Temp

Spec No.	Part No.	Buffer	Attenuation @ 850nm (dB/km)	Attenuation @ 1300nm (dB/km)	Fiber Type	Weight (kg/km)
LINDEN-SPE-7562	12-AL-G-VV-13-140	PEI	4.0	2.5	Twelve (12) x 50µm OM4	2.0
LINDEN-SPE-7563	12-AL-G-M-13-140	Fluoropolymer	4.0	2.5	Twelve (12) x 50µm OM4	2.0



Applications

- Avionics/Vetronics
- Digital Networks
- Ethernet Backbones
- Flight Management Systems
- HD Streaming Video Systems
- Weather Radar Systems

CONTACT LINDEN FOR DRAWINGS, SPECIFICATIONS OR CUSTOM REQUIREMENTS



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