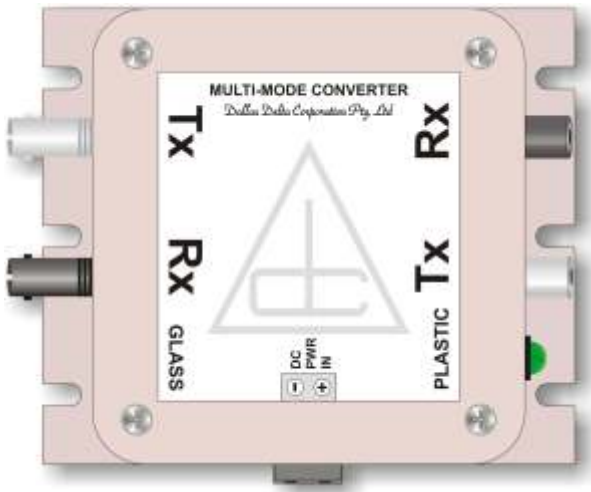


# **lightpipe - multi-mode converter**

High voltage protection and secure tamper-proof fibre optic lines.



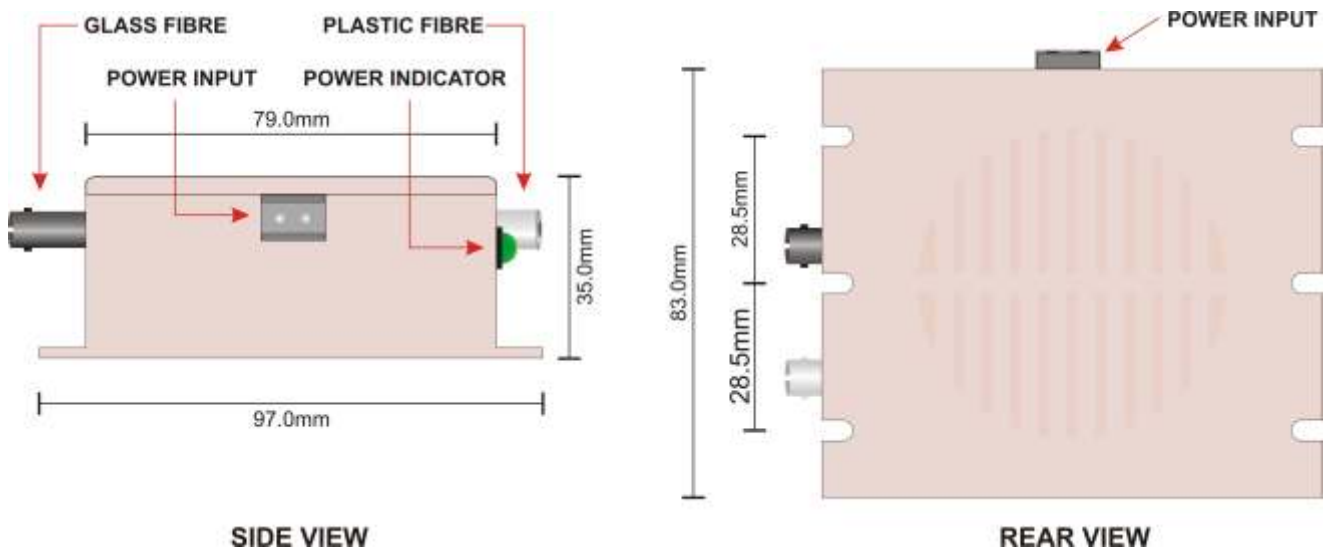
- versatile**
- easy to use**
- durable**
- dependable**

The **Lightpipe multi-mode converter** is a sophisticated transmission device used to send and receive data over long distances via optical cable. Specifically designed to work in conjunction with the Dallas Delta *Fibre Optic Line Isolation Unit*, it converts a plastic fibre optical signal to a glass fibre optical signal. This will enable extremely long lengths of up to 2.7km of glass fibre to be run in a secure manner. Valuable telecommunication assets such as telephones, data modems, fax machines and computers are safe from damage due to high voltage surges on the line caused by lightning strikes. Glass fibre is tamper-proof so it provides a very high level of protection from bugging such as tapping in on the line.

## features:

- ▶ full duplex voice or data transmission
- ▶ plastic to glass fibre conversion
- ▶ glass to plastic fibre conversion
- ▶ protection against longitudinal transients
- ▶ protection against bugging, tamper-proof
- ▶ long cable distances up to 2.7km
- ▶ ST connectors
- ▶ no cross-talk
- ▶ easy installation
- ▶ compact casing

## installation:



# LIU lightpipe - multi-mode converter

## specifications:

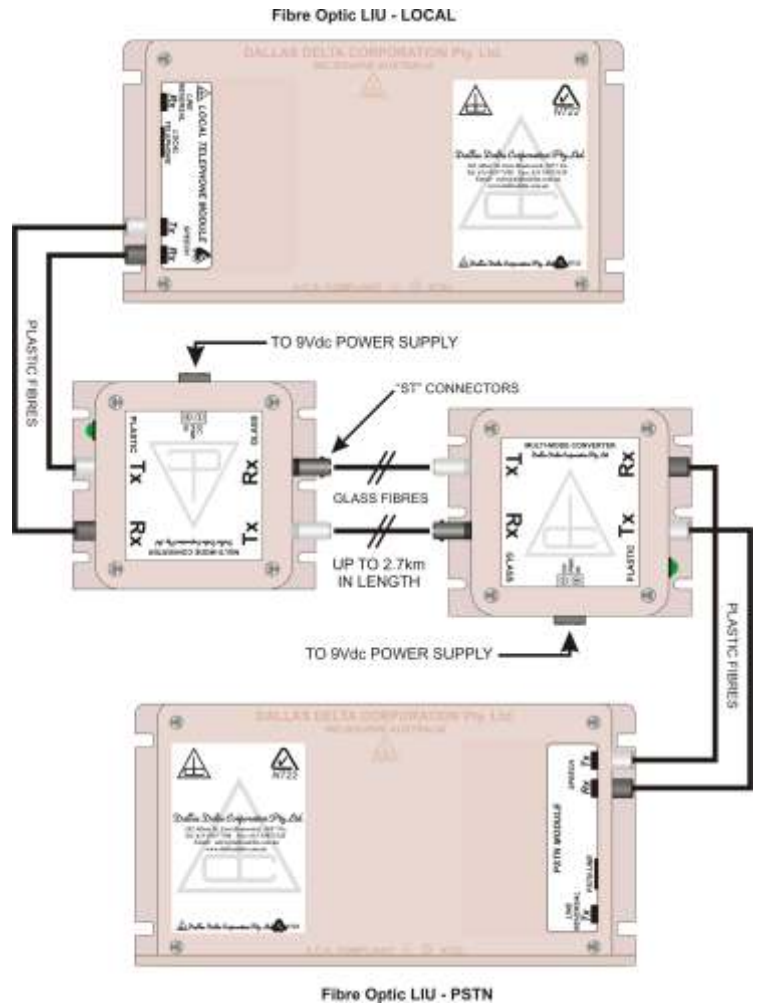
<b>POWER SUPPLY:</b>	plug pack	9 volts DC @ 300 mA
<b>CURRENT CONSUMPTION:</b>	idle loop	30 mA 133 mA (PSTN side) 186 mA (LOCAL side)
<b>TERMINATION:</b>	glass converters plastic converters	'ST'conectors 1000 micron plastic fibre connectors
<b>DISTANCE:</b>	glass fibre	2.7 km
<b>PHYSICAL:</b>	dimensions weight material	83.0mm x 97.0mm x 35.0mm 110 grams moulded plastic

*~ This unit must be installed by qualified personnel ~*

## installation:

The Lightpipe is an excellent companion for Dallas Delta's Fibre Optic Line Isolation Unit (LIU). It will extend the distance between the PSTN line and the local user network up to 2.7km. Safety and security are essential features taken on board when designing the Lightpipe. Whether you require a voice call or data transfer to be transmitted securely over a great distance, the Lightpipe will meet your needs.

For further information on the Fibre Optic Line Isolation Units (LIU) refer to the FOLIU brochure.



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The information contained on this product brochure is subject to change without notice.



complies with:

**ACA**  
**EN60950**  
**AS/NZS3548**  
**EN55022**

All relevant Australian Communications Authority Standards  
European Safety Standard  
EMI Australia/NewZealand Standard  
EMI European Standard (CISPR22)

