DIMOTO
TECHNOLOGY IN MOTION

DiMoto's products incorporate the Optolock® plugless connector system which enables bare fibre to be cut to length in-situ and securely terminated in seconds. Termination requires no plugs, polishing, special tools nor special training.

While many advances have been made in glass optical fibre technology, the truth is that termination and splicing remains a specialised task and proper equipment, procedures and personnel are vital for achieving robust performance. To minimise downtime, these same specialist resources must be readily available when failure or damage to fibre occurs. To a lesser extent, the same is also true for copper installations.

DiMoto's Ethernet over Plastic Optical Fibre technology creates a new benchmark, offering optical data integrity with a do-it-yourself level of complexity. The robust and intuitive termination system means that a broader cross section of technical staff have the required expertise to install and maintain critical data networks. Deployment costs, maintenance costs and system downtime can all be reduced.

The simple plastic optical fibre termination process is outlined below. A disposable cutting, finishing and splitting tool is provided with every device.

Step 1 - Cut to length.

Use the included tool or standard cutters.

Step 2 - Finish the end.

Use the included tool to provide a clean finish on the end of the POF.

Step 3 - Separate the fibres.

Insert into the hole on the bottom of the tool to sepa-

Step 4 - Insert the bare POF.

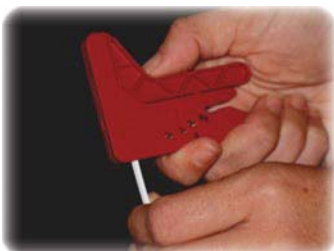Determining the correct orientation is simple as a visible red LED light source is used.

Step 5 - Push to lock.

The Optolock® connector system exhibits excellent resistance to vibration and shock.

Note: The eye safe visible red light at the end of the fibre indicates the link is good. It can also be used to guides correct orientation when inserting the fibre into the connector.

For more information contact us at **info@dimoto.com.au** or visit us online at **www.dimoto.com.au**

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