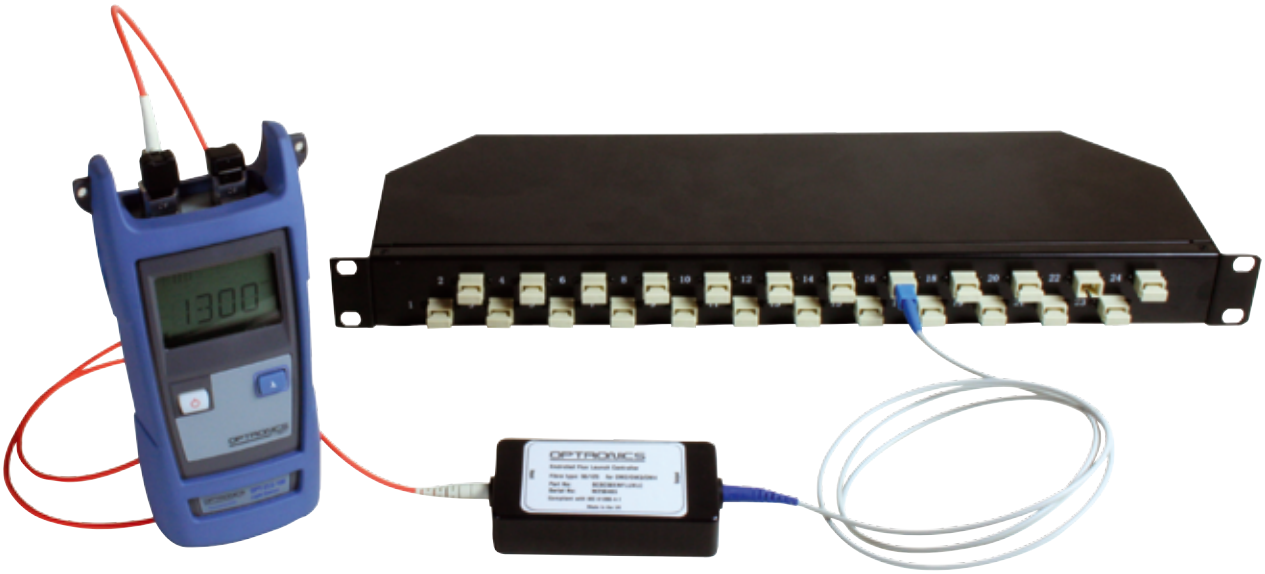
FibreFab
Fibre Optic & Networking Products

Encircled Flux Launch Controller

V.3.0



Description

Connect an Optronics Encircled Flux (EF) Launch Controller to your light source or OTDR and improve your measurement accuracy, consistency and ensure stable launch conditions for multimode fibre and component measurements.

The EF Launch Controller ensures compliance with the Encircled Flux requirements for multimode optical fibre cable loss testing as specified in IEC 61280-4-1. Simply fit the Launch Controller between the test light source, such as an LED or OTDR, and the fibre under test. The end labelled “input” is connected to the light source and the end labelled “Output” is connected to the fibre or component under test. The Launch Controller is available in both 50/125µm or 62.5/125µm fibre and can be terminated with all standard connector types

Features/Benefits

- **Available with a range of standard connectors including SC, FC, ST and LC**
- **50/125 and 62.5/125 versions available**
- **Available with a range of hybrid adaptors to suit most connector types**
- **Supplied in a durable foam lined carry case**
- **Connector re-polishing service available**

Applications

- **Ensures that testing is complaint with the Encircled Flux requirements of IEC 61280-4-1**
- **Improves measurement accuracy and repeatabilty**
- **Creates a stable launch condition for existing light sources**

Technical Specification

DESCRIPTION	VALUE
Insertion Loss (IL) @ 850nm 50/125 fibre	<3.0dB
Insertion Loss (IL) @ 850nm 62.5/125 fibre	<3.0dB
Dimensions	100mm x 50mm x 25mm
Weight	185g

Part Number Generator

Master Connector		Connector 2		Fibre Type		ENFLUXLC
FC	FC	FC	FC	OM1	62	
SC	SC	SC	SC	OM2	50	
LC	LC	LC	LC	OM3	50	
ST	ST	ST	ST	OM4	50	