

## Lumière

### Direct replacement for ELIO® termini

#### Key Features



- Hermaphroditic style allows one contact type
- Multimode & Singlemode Options
- Simple access to optical termini facilitates cleaning
- Pull-proof option allows the use of the terminus in a connector without strain relief

The Lumière termini are a direct replacement for ELIO® termini and are compatible with existing ELIO® connectors. This fibre optic contact utilizes a 2.5mm diameter field-proven ceramic ST type ferrule which can be inserted into a size #16 cavity.

The terminus is hermaphroditic allowing the use of the same contact on the receptacle or plug. In addition, the contact is available in both multi-mode and single-mode versions and has an anti-rotation feature. Because the Lumière uses a standard ST type ferrule, well known procedures and readily available tools can be used for termination. Long and short boot versions are available to support multiple connector types. An example of some of the markets where Lumière are used:

- In-flight Entertainment Systems
- Head-Up Displays
- Airframe
- Avionics

Lumiére  
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Specification

<b>Typical Insertion Loss</b>	0.2dB Multimode, ≤ 0.3dB Singlemode @1300nm
<b>Typical Return Loss</b>	-30dB @ 1310nm

Ordering

Part Number	Description
FOA-EL4531-1	Multimode, 1.8mm Fibre, Short Boot, Sealed
FOA-EL4531-2	Multimode, 1.8mm Fibre, Long Boot, Sealed
FOA-EL4531-5	Multimode, 1.8mm Fibre, No Boot, Not Sealed
FOA-EL4531-11	Singlemode, 1.8mm Fibre, Short Boot, Sealed
FOA-EL4531-12	Singlemode, 1.8mm Fibre, Long Boot, Sealed

