

E2000 Optical Fibre Connector



Designed to be the ultimate in optical fibre connectors, the E2000 connector exceeds all standards for connector performance and operation.

Designed to be easy to terminate, the one piece ferrule assembly saves time and provides trouble-free operation.

With the power of today's laser transmitters emitting levels that are a danger to an unprotected user the E2000 offers a level of protection no other connector can match. Each E2000 connector and adapter have their own shutter that automatically opens and closes as the connector is mated and unmated.

- **Latched push-pull operation**
- **Automatic metal shutter on connector and adapter for dust and laser protection**
- **Safe for use in high power laser applications**
- **One-piece design for easy termination**
- **Colour coding of connector and adapter**
- **Mechanical coding of connector and adapter**

Specifications

The Optronics optical products are manufactured using the highest quality components.

The Optronics range of patch cords has grown through the years, from industry standard 62.5/125 multimode to 9/125 singlemode, FibreFab can supply them all.

Non-standard cables can be made to your own exacting standards in our ISO 9001 UK production facility. This encompasses all of the essential tools to ensure the products not only meet but also exceed the requirements laid down in IEC international standards for fibre optic terminations.

Product Packaging

Connectors are bulk packed

Colour

Single mode - Blue
Single mode (APC) - Green
Multi mode - Beige

Intermateability

Optically and mechanically compatible with all equivalent connectors.
Compliant with IEC 61754-15

Technology

Full ceramic ferrule and sleeve

Tuning

In 60deg Steps

Mechanical Resistance

100N tensile load

Insertion Loss

Single mode (UPC)	0.12dB typical 0.25dB max
Single mode (APC)	0.12dB typical 0.25dB max
Multi mode (PC)	0.2dB typical 0.5dB max

Vibration (Mated Pair):

(IEC 61300-2-1)
10-55 Hz, 1.5mm P to P
=0.3dB Change

Mating Durability:

(IEC 61300-2-2)
1000 mating cycles
Clean every 25
< 0.2 dB Change

High Temperature:

(IEC 61300-2-18)
75°C for 96 hours
=0.2dB Change

Damp Heat:

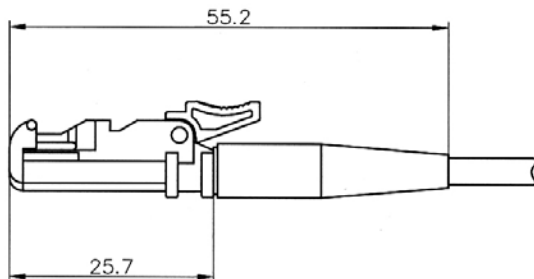
(IEC 61300-2-19)
60°C at 95% RH, 96 hours
=0.2dB Change

Temperature Cycling

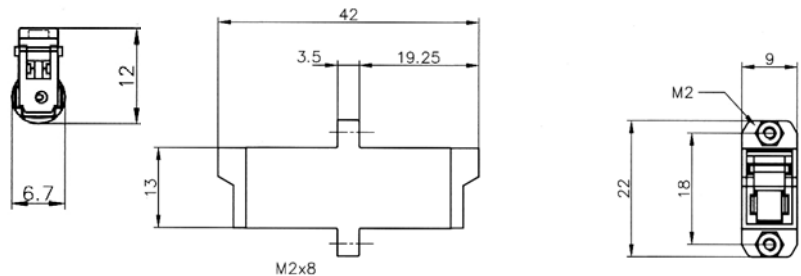
(IEC 61300-2-48)
-40 to +75°C, 40 cycles
=0.2dB Change

Operating Temperature

-40°C to +85°C



Dimensions in mm



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