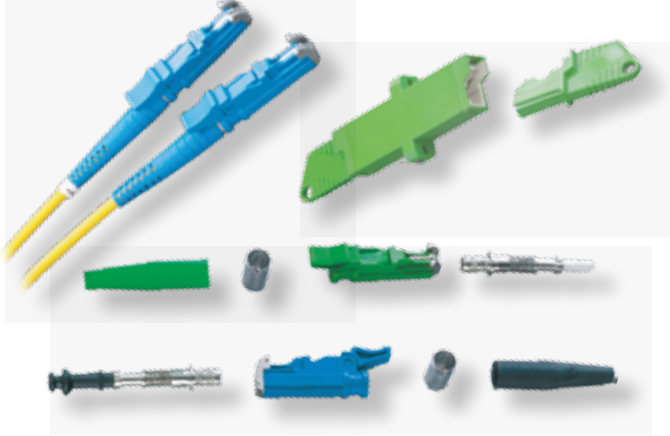


E2000 Optical Fibre Connector



Technical Specification

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) 0.2dB typical
0.3dB max

Single mode (APC) 0.2dB typical
0.3dB 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

Damp Heat:

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

Mating Durability:

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

Temperature Cycling

(IEC 61300-2-48)
-40 to +85°C, 42 cycles
=0.2dB Change

High Temperature:

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

Operating Temperature

-40°C to +85°C

Features

- ▶ 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
- ▶ Connector are bulk packed
- ▶ Available in Blue (Singlemode), Green (Singlemode APC), Beige (Multimode)

