



**ST-ST OPTICAL  
FEEDTHROUGH MATING**

## ST-ST Sealed Fiber Optic Mating for Oil Filled Transformer Applications

### Description

The Fiso EasyThrough is designed to be installed on the oil filled transformer tank wall or any other sealed environment.

Its simple and proven design efficiently conveys optical signals between a Nortech monitor and fiber optic temperature sensors for reliable and accurate measurements.

This ST-ST fiber optic connector will sustain temperature up to 200°C and pressure of 20 BAR / 2000 kPa / 290 PSI.

The EasyThrough offers long term reliability and excellent chemical resistance to oil, kerosene, etc. FISO's EasyThrough is manufactured using a glass to metal solder bonding technology which ensures that no oil can possibly leak from the feedthrough over time.

The 3/8 NPT ANSI EasyThrough can easily be mounted on the EasyPlate or directly on the tank wall.

### Key Features

- Long Term Reliability
- Leakproof
- Support Vacuum or Pressure
- Maximum Pressure 20 BAR / 2000 kPa / 290 PSI
- Glass to Metal Bonding
- No O-Ring
- Chemically Resistant
- Quick and Easy Installation

### Applications

- Oil filled Transformers
- Sealed Environments

## Specifications

Temperature Range	-40°C to 200°C
Maximum Pressure	20 BAR / 2000 kPA / 290 PSI
Thread	3/8 NPT 60° Thread Angle Taper Angle of 1°47' Truncation of Root and Crest are Flat ANSI / ASME B1.20.1
Material	Stainless Steel
Connector Type	ST Connector
Ordering Code	SEN-EST (62.5m) NOR-EST (200m)

