



# Hermetic Electrical Feedthroughs and Connectors



Developed to withstand prolonged exposure to aggressive media such as oil, mud, chemicals and salt water. The products are qualified to perform reliably from **-55° C** to **+300° C** and at pressures up to **40,000 psi**, making them an ideal solution for space, subsea, and downhole environments.

The products are easily installed into wellheads, manifolds, pipes, pressure vessels, and in ROVs and UUVs. These high performance penetrators, feedthroughs, and connectors are available in single and multi-pin configurations. OFFP's experienced and agile design team offers bespoke solutions to customer demands.



## Applications

- Oil-and-Gas Industry
- Sub-Sea Exploration
- Submarine Telecom
- Com and Mil Aerospace
- Defence and Sensing
- Energy Applications
- Industrial Applications



## Features

- Resistant to extreme pressures
- Wide operating temperatures
- Suitable for harsh environment
- Custom or industry standard designs
- Value added cabling, boots, O-rings, and custom packaging
- Hybrid electro-optical assemblies



### Optical Fiber Packaging Ltd.

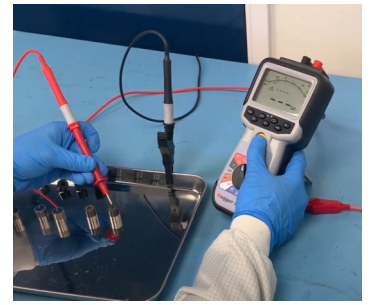
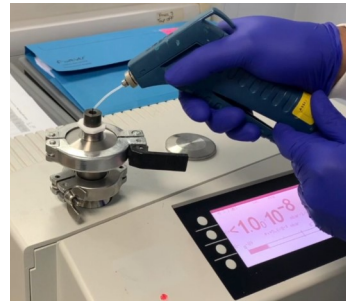
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## Properties

### Dimensions

### Housing Materials

### Sealing Materials

### Contact Materials

### Pin Count

### Metal Finish

### Maximum Pressure

### Operating Temperature

### Insulation Resistance

### Dielectric Withstand

### Leak Rates

### Design Lifetime

### Environment

### Connectorisation

## Specifications

As required, any form factor

Stainless steel (316L, 304L), Inconel (718, 625)

Soda lime and Borosilicate glasses

Alloy 52, Copper-cored Alloy52, Kovar, Inconel (718, 625, 600)

1 - 200+

Electropolished or Ni/Au plated

Up to 40,000 psi

-55° C, +350° C

10 G  $\Omega$  at 500 V DC

Up to 2,000 V DC

Down to  $10^{-9}$  cc/sec He at 1 atm

25 years

Oil, gas, mud, salt water, etc.

Mil-std (38999, 26482, etc.) or custom



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