

# CeramOptec®

Innovative Fiber Optics...Every Step of the Way™



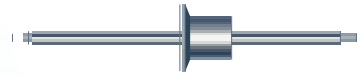
CeramOptec's pressure and vacuum feedthroughs offer exceptional reliability and smooth operation for even the most demanding applications. Manufactured to your specifications, our vacuum feedthroughs are available in unlimited cell, flange, and port designs and are ideal for a wide range of wavelengths.

## Performance

- Vacuum Feedthrough Interconnect and Pigtails: 10<sup>-8</sup> torr
- Pressure Feedthrough Interconnect:  
10,000 psi  
30,000 psi (temporary)
- Temperature:  
Vacuum Feedthrough: up to 175°C  
Pigtail: up to 250°C
- Insertion Loss of Interconnects: -0.8 dB to -2.0 dB

## Physical Data of Standard Interconnects

- Vacuum Feedthrough:  
Length: 2.500 in.  
Diameter: 0.375 in.  
Material: stainless steel
- Pressure Feedthrough:  
Length: 2.500 in.  
Diameter: 0.840 in.  
Material: stainless steel
- Available Fiber:  
Multimode Polyimide Coated Fiber
- Connector Interface:  
SMA 905  
SMA 906  
ST  
FC  
Custom Ferrules



## Physical Data of Standard Pigtails

- Length: 2.000 in.  
Diameter: 0.375 in.  
Material: stainless steel
- Available Fiber:  
Multimode Polyimide Coated Fiber
- Connector Interface:  
SMA 905  
SMA 906  
ST  
FC  
Custom Ferrules

## Note:

CeramOptec strives to ensure the accuracy of all information provided; however, we imply no warranties and disclaim any liability in connection with the use of this information.



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***Innovative Fiber Optics...Every Step of the Way***

CeramOptec was founded in 1986 and today is a global leader in the production of stock and custom silica / silica, plastic-clad silica, and hard polymer-clad silica optical fibers; fused capillary tubing; DPSS lasers; diode modules; and low loss bundles and assemblies for UV, VIS, and IR transmission, medical laser delivery, sensors, plasma fusion, and spectroscopy.

With several facilities worldwide, we are able to provide our customers with local, prompt, and reliable service and products. By maintaining complete control over the entire manufacturing process—from preform manufacturing to finished fiber product—we are able to provide the highest quality control, custom solutions, and competitive pricing to our customers.

Please visit <http://www.ceramoptec.com> for more information.

CeramOptec is a subsidiary of biolitec™ AG.  
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