

Fiber optic Feedthroughs

Pressure and Vacuum Feedthroughs

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 any cell, flange, and port designs and are ideal for a wide range of wavelengths.

Physical Data of Standard Interconnects

Vacuum Feedthrough

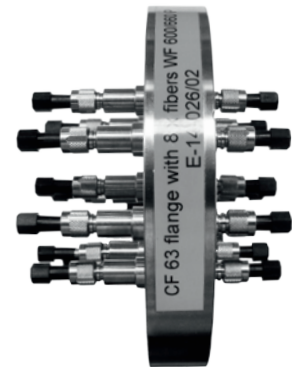
Length	60 mm
Diameter	10 mm
Material	stainless steel

Pressure Feedthrough

Length	60 mm
Diameter	20 mm
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	50 mm
Diameter	10 mm
Material	stainless steel

Available Fiber Multimode Polyimide Coated Fiber

Connector Interface SMA 905 | SMA 906 | ST | FC | Custom Ferrules

Performance

Compressive strength for Vacuum Feedthrough	10 ⁻¹¹ bar
Compressive strength for Pressure Feedthrough	680 bar 2040 bar (short-term)
Temperature	Vacuum Feedthrough: up to 175°C Pigtail up to 250°C
Insertion Loss of Interconnects	-0,8 dB to -2,0 dB

Headquarter

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