

ArmD™ Fiber Optic Feedthroughs

Pressure and Vacuum Feedthroughs

Armadillo's pressure and vacuum feedthroughs ensure exceptional reliability and smooth operation, catering to even the most demanding applications. Tailored to your specifications, our vacuum feedthroughs come in various cell, flange, and port designs, making them ideal for a wide range of wavelengths.

Physical Data of Standard Interconnects

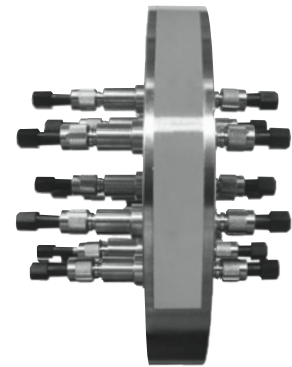
Vacuum Feedthrough

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 and others upon request including customized 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 and others upon request including customised ferrules

Technical data

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 to -2,0 dB

