

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 | 60mm |
| Diameter | 10 mm |
| Material | stainless steel |
| Pressure Feedthrough | |
| Length | 60mm |
| 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



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 |



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