

# Fiber Optic Feedthru for Pressure or Vacuum Applications

## ACC-FEEDTHRU-NPT Fiber Optic Feedthru

### TECHNICAL SUPPORT

OSENSA Innovations offers on-site support, commissioning, and training for all of its products. For immediate assistance with any technical issue, please contact [support@osensa.com](mailto:support@osensa.com) or call 1-888-732-0016.

### WARRANTY INFORMATION

OSENSA Innovations stands behind its products and services. All fiber optic temperature probes and signal conditioners ship with a full one year repair or replacement warranty. You may also purchase an extended five year warranty. Some conditions apply.

### CUSTOM OEM SOLUTIONS

OSENSA offers cost-effective design and consulting services at discounted rates for high-volume OEM customers. Let the engineering team at OSENSA Innovations help you rapidly develop custom probes for your process control application. OSENSA's team has many years of experience designing fiber optic temperature probes for various industrial environments.

### FURTHER INFORMATION

For more information on any of our products or services please visit our website: [www.osensa.com](http://www.osensa.com) or email: [info@osensa.com](mailto:info@osensa.com).



**Intertek**

### Pressure or Vacuum Vessel Optical Feedthru



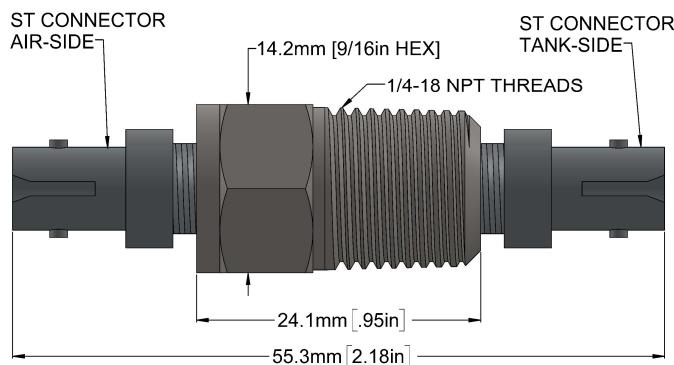
ACC-FEEDTHRU-NPT-200

The ACC-FEEDTHRU-NPT Optical Feedthru is a hermetically sealed stainless steel  $\frac{1}{4}$  inch male NPT fitting designed for use with OSENSA fiber optic temperature sensing systems. The feedthrough can provide a leak-free optical path between tank walls of power transformers, industrial microwaves, and vacuum process chambers.

The ST-to-ST connection provides a reliable, vibration-resistant connection for OSENSA's fiber optic temperature sensing probes.

## Product Specifications

Model Name	ACC-FEEDTHRU-NPT-200	ACC-FEEDTHRU-NPT-400
<b>Fiber Size</b>	200 $\mu\text{m}$	400 $\mu\text{m}$
<b>Numerical Aperture (NA)</b>	0.22	0.22
<b>Probe Connection Type</b>	Female ST	
<b>NPT Fitting Size</b>	$\frac{1}{4}$ - 18 NPT	
<b>Thread Type</b>	ANSI/ASME B1.20.1 Pipe Threads	
<b>Body Material</b>	316 Series Stainless Steel	
<b>Operating Temperature</b>	-40°C to +200°C (-112°F to +392°F) *	
<b>Maximum Pressure</b>	200 psi (1.4 MPa) *	
<b>Dimensions</b>	55mm Long x 16mm Wide	



\* Higher temperatures and pressures may be reached, contact OSENSA for more information.