

**P/N: 905-120-5008**

**Description:** SMA, Standard Sealed Adapter (Coupler)



Amphenol Fiber Optic Products was the pioneer in developing the first industry standard fiberoptic interconnect system by introducing the SMA connector & adapter. The 905 Series was the first fiber optic interconnect system to gain industry wide acceptance.

## Overview

The Standard SMA Adapter, comes with Dust Caps, Lock Washer and Panel nut. The SMA adapters can be used with single and multi-mode fibers. The SMA adapter is an ideal way to extend cable length by joining two fiber optic cables together. The SMA Adapter has (2) counter-bores on the entry of the adapter, that allows O-ring compatible connectors to inter-connect. This O-ring will protect the connectors from dust and debris.



## Features & Benefits

- Quality construction ensures long life, durability & dependability
- Bulkhead Feed-through type, D-Hole mounting
- Dust Caps protect against debris and contamination



## Applications

- Medical / Surgical
- Laser Systems
- Industrial
- Spectrometers
- Data Communications

## Technical Specifications

|                        |                                                   |
|------------------------|---------------------------------------------------|
| Adapter Side A         | Threaded 1/4 x 36 2B UNS                          |
| Adapter Side B         | Threaded 1/4 x 36 2B UNS                          |
| Fiber Type             | Multi-Mode                                        |
| Adapter Counterbores   | Supports 906 connectors with O-ring compatibility |
| Environmentally Sealed |                                                   |
| Weight                 | .0083 Kg / .018 lbs                               |

## Physical Characteristics

|                              |                     |
|------------------------------|---------------------|
| SMA Adapter Body             | Nickel Plated Brass |
| Nut                          | Nickel Plated Brass |
| Lockwasher                   | Stainless Steel     |
| Dust Cap                     | Vinyl               |
| Mounting Hole Recommendation | .281" x .125"       |
| Gasket                       | Silicone            |
| Length                       | 23.50 mm / .925"    |

## Environmental Specifications

|                        |               |
|------------------------|---------------|
| Operating Temperature: | -40°C to 85°C |
| Storage Temperature:   | -40°C to 70°C |



## Contact US

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Sales Administration for Quotes,  
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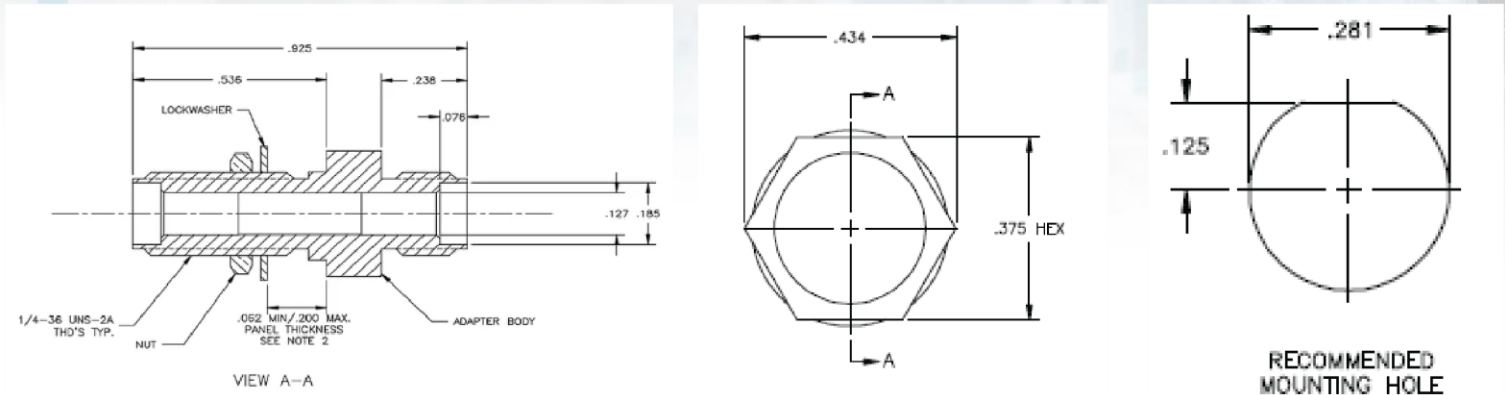
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Revision Date: 12/31/2024  
Page : 1

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## Assembly Drawing



### Ordering Information

| Order Code:    | Customization Options:                    | MOQ (Minimum Order Quantity): |
|----------------|-------------------------------------------|-------------------------------|
| 905-120-5008-P | Individual Packaging Bulk Packaging (100) | 300 Pieces                    |

### Environmental Specifications

|                 |                                     |
|-----------------|-------------------------------------|
| Testing Method: | 100% tested for optical performance |
|-----------------|-------------------------------------|

### Compliance and Certifications

|                         |              |
|-------------------------|--------------|
| IEC 61754-22 Compliant: | RoHS / Reach |
|-------------------------|--------------|



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Page : 2