



**Manufacturer:**  
Amphenol Fiber Optic Products

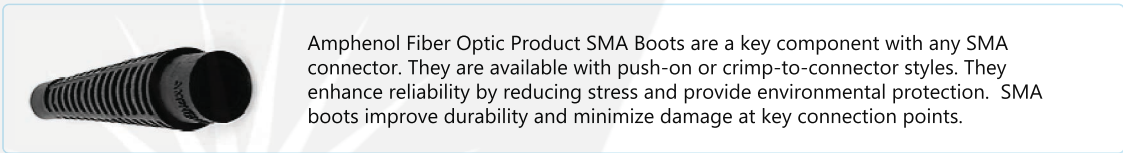
**Product Name:**  
Amphenol 3mm Black Boot for SMA Connector - USP Class VI Medical Grade

**Manufacturer Part Number:**  
905-5217-P

▶ [Click here for more details on the Amphenol 3mm Black Boot for SMA Connector - USP Class VI Medical Grade](#)

**P/N: 905-5217-P**

**Description:** Boot, SMA, 55 Med Class VI, FG, Black, Large End, Logo, Bulk Packaging



Amphenol Fiber Optic Product SMA Boots are a key component with any SMA connector. They are available with push-on or crimp-to-connector styles. They enhance reliability by reducing stress and provide environmental protection. SMA boots improve durability and minimize damage at key connection points.

**Overview**

The Custom SMA 905-5217 boot is a protective covering at the end of a Fiber Optic Connector that serves to secure and support the Fiber Optic Cable.

The Fiber Optic Boot protects the Fiber Optic Cable by ensuring proper bend radius and maintaining cable integrity.

The boot is a soft non-hygroscopic thermoplastic Vulcanizate (TVP) in the thermoplastic elastomer (TPE) family.

**Features & Benefits**

- Quality construction ensures long life, durability & dependability
- SMA Boots prevent tight bends, relieve cable strain and limit bending to avoid signal loss

**Applications**

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

**Technical Specifications**

Length	52.1mm / 2.05 in
Front OD	7.24mm / .285 in
Front ID	4.57mm / .180 in
Front ID Depth	4.27mm / 7.21 in
Rear OD	4.27mm / .168 in
Rear ID	2.84mm / .112 in

**Physical Characteristics**

Material	Santoprene 181-55MED
Shore Hardness	Typical 55 SI, ISO 868
Melt temp	143 - 216 Degree C
Bio-compatibility Tests Conducted on Material	Meet USP (US Pharmacopeia) Class VI requirements

**Environmental Specifications**

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

**Contact the professionals at Fiber Optic Center for a quote or to get more details.**

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Product specifications and data are subject to change without notice. FOC last update 3/9/2026.



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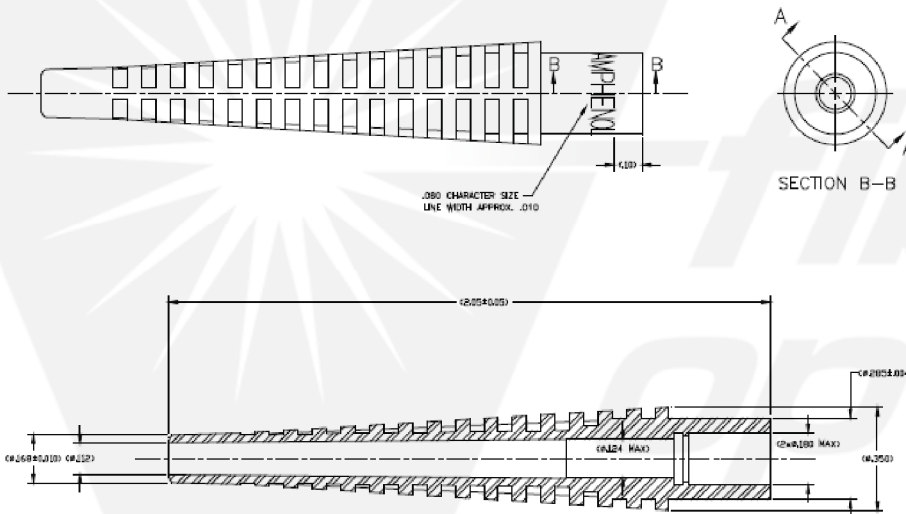
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**Assembly Drawing**



**Ordering Information**

Order Code:	Customization Options:	MOQ (Minimum Order Quantity):
905-5217-P	Bulk Packaging (100)	2.5K pieces

**Performance and Testing**

Testing Method:	100% tested for optical performance

**Compliance and Certifications**

RoHs & Reach Compliant:	
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