

**Manufacturer:**  
Amphenol Fiber Optic Products

**Product Name:**  
Amphenol 905 SMA Connector 245um (3mm) - Hex

**Manufacturer Part Number:**  
905-150-5009-H



▶ Click here for more details on the Amphenol 905 SMA Connector 245um (3mm) - Hex

## SMA Classic 905 Series



- ▶ The original industry-standard SMA optical connector, designed by Amphenol
- ▶ Known for its precision in fiber alignment for reliable performance
- ▶ Versatile design, widely used in high-power and rugged applications

The 905-150-5XXXX series is available but for new designs, opt for the 905-160-5XXXX series which uses a more intelligent numbering system. The 905-150-5XXXX remains listed due to its prevalence in existing bills of materials.

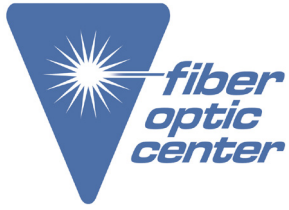
### Bulk Packing Options for Existing Part Numbers

| Bulk Quantity | Suffix to Add |
|---------------|---------------|
| 100           | -P            |
| 500           | -Y            |
| 1000          | -Z            |

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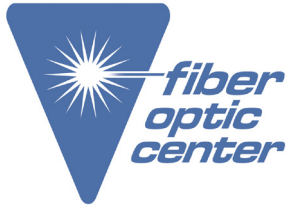
## SMA Classic 905 Series

| Classic Part Number   | New Part Number | Ferrule Hole Size and Tolerance | Ferrule Length   | Ferrule OD        | Crimp Ferrule | Coupling Nut Material | Coupling Nut Type | Boot Diameter-Rear ID | Boot Logo | Boot Color | Cap Type | Cap Color | Tether Loop | Cap Slit | Cap Logo |
|-----------------------|-----------------|---------------------------------|------------------|-------------------|---------------|-----------------------|-------------------|-----------------------|-----------|------------|----------|-----------|-------------|----------|----------|
| 905-150-5001          | 905-160-50128   | 128 µm (+5/-0 µm)               | 9.855 mm (.388") | 3.167 mm (.1247") | Yes           | Nickel Plated Brass   | Knurled           | 2.8 mm                | Yes       | Black      | T-Style  | Black     | No          | No       | No       |
| 905-150-5079          | 905-160-50150   | 150 µm (+10/-0 µmm)             | 9.855 mm (.388") | 3.167 mm (.1247") | Yes           | Nickel Plated Brass   | Knurled           | 2.8 mm                | Yes       | Black      | T-Style  | Black     | No          | No       | No       |
| 905-150-5061          | 905-160-50175   | 175 µmm (+10/-0 µmm)            | 9.855 mm (.388") | 3.167 mm (.1247") | Yes           | Nickel Plated Brass   | Knurled           | 2.8 mm                | Yes       | Black      | T-Style  | Black     | No          | No       | No       |
| 905-150-5041          | 905-160-50206   | 206 µm (+10/-0 µm)              | 9.855 mm (.388") | 3.167 mm (.1247") | Yes           | Nickel Plated Brass   | Knurled           | 2.8 mm                | Yes       | Black      | T-Style  | Black     | No          | No       | No       |
| 905-150-5003          | 905-160-50231   | 231 µm (+10/- 0 µm)             | 9.855 mm (.388") | 3.167 mm (.1247") | Yes           | Nickel Plated Brass   | Knurled           | 2.8 mm                | Yes       | Black      | T-Style  | Black     | No          | No       | No       |
| 905-150-5009          | 905-160-50245   | 245 µm (+10/-0 µm)              | 9.855 mm (.388") | 3.167 mm (.1247") | Yes           | Nickel Plated Brass   | Knurled           | 2.8 mm                | Yes       | Black      | T-Style  | Black     | No          | No       | No       |
| 905-150-5049          | 905-160-50310   | 310 µm (+15/-0 µm)              | 9.855 mm (.388") | 3.167 mm (.1247") | Yes           | Nickel Plated Brass   | Knurled           | 2.8 mm                | Yes       | Black      | T-Style  | Black     | No          | No       | No       |
| 905-150-5192-P (Bulk) | none            | 430 µm (+5/-0 µm)               | 9.855 mm (.388") | 3.167 mm (.1247") | Yes           | None                  | None              | 2.8 mm                | Yes       | Black      | T-Style  | Black     | No          | No       | No       |
| 905-150-5098          | 905-160-50455   | 455 µm (+15/-0 µm)              | 9.855 mm (.388") | 3.167 mm (.1247") | Yes           | Nickel Plated Brass   | Knurled           | 2.8 mm                | Yes       | Black      | T-Style  | Black     | No          | No       | No       |
| 905-150-5052          | 905-160-50480   | 480 µm (+15/-0 µm)              | 9.855 mm (.388") | 3.167 mm (.1247") | Yes           | Nickel Plated Brass   | Knurled           | 2.8 mm                | Yes       | Black      | T-Style  | Black     | No          | No       | No       |
| 905-150-5016          | 905-160-50490   | 490 µm (+15/-0 µm)              | 9.855 mm (.388") | 3.167 mm (.1247") | Yes           | Nickel Plated Brass   | Knurled           | 2.8 mm                | Yes       | Black      | T-Style  | Black     | No          | No       | No       |
| 905-150-5153          | 905-160-50584   | 584 µm (+15/-0 µm)              | 9.855 mm (.388") | 3.167 mm (.1247") | Yes           | Nickel Plated Brass   | Knurled           | 2.8 mm                | Yes       | Black      | T-Style  | Black     | No          | No       | No       |

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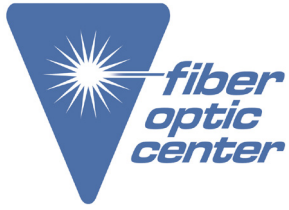
## SMA Classic 905 Series

| Classic Part Number | New Part Number | Ferrule Hole Size and Tolerance | Ferrule Length   | Ferrule OD        | Crimp Ferrule | Coupling Nut Material | Coupling Nut Type | Boot Diameter-Rear ID | Boot Logo | Boot Color | Cap Type | Cap Color | Tether Loop | Cap Slit | Cap Logo |
|---------------------|-----------------|---------------------------------|------------------|-------------------|---------------|-----------------------|-------------------|-----------------------|-----------|------------|----------|-----------|-------------|----------|----------|
| 905-150-5151        | 905-160-50641   | 641 µm (+15/-0 µm)              | 9.855 mm (.388") | 3.167 mm (.1247") | Yes           | Nickel Plated Brass   | Knurled           | 2.8 mm                | Yes       | Black      | T-Style  | Black     | No          | No       | No       |
| 905-150-5005        | 905-160-50150   | 150 µm (+10/-0 µm)              | 9.855 mm (.388") | 3.167 mm (.1247") | Yes           | Nickel Plated Brass   | Knurled           | 2.8 mm                | Yes       | Black      | T-Style  | Black     | No          | No       | No       |
| 905-150-5158        | 905-160-50690   | 690 µm (+15/-0 µm)              | 9.855 mm (.388") | 3.167 mm (.1247") | Yes           | Nickel Plated Brass   | Knurled           | 2.8 mm                | Yes       | Black      | T-Style  | Black     | No          | No       | No       |
| 905-150-5091        | 905-160-50710   | 710 µm (+15/-0 µm)              | 9.855 mm (.388") | 3.167 mm (.1247") | Yes           | Nickel Plated Brass   | Knurled           | 2.8 mm                | Yes       | Black      | T-Style  | Black     | No          | No       | No       |
| 905-150-5083        | 905-160-50750   | 750 µm (+15/-0 µm)              | 9.855 mm (.388") | 3.167 mm (.1247") | Yes           | Nickel Plated Brass   | Knurled           | 2.8 mm                | Yes       | Black      | T-Style  | Black     | No          | No       | No       |
| 905-150-5170        | None-2nd body   | 850 µm (+15/-0 µm)              | 9.855 mm (.388") | 3.167 mm (.1247") | Yes           | Nickel Plated Brass   | Knurled           | 2.8 mm                | Yes       | Black      | T-Style  | Black     | No          | No       | No       |
| 905-150-5027        | 905-160-51020   | 1020 µm (+15/-0 µm)             | 9.855 mm (.388") | 3.167 mm (.1247") | Yes           | Nickel Plated Brass   | Knurled           | 2.8 mm                | Yes       | Black      | T-Style  | Black     | No          | No       | No       |
| 905-150-5080        | 905-160-51100   | 1100 µm (+15/-0 µm)             | 9.855 mm (.388") | 3.167 mm (.1247") | Yes           | Nickel Plated Brass   | Knurled           | 2.8 mm                | Yes       | Black      | T-Style  | Black     | No          | No       | No       |
| 905-150-5078        | 905-160-51300   | 1300 µm (+15/-0 µm)             | 9.855 mm (.388") | 3.167 mm (.1247") | Yes           | Nickel Plated Brass   | Knurled           | 2.8 mm                | Yes       | Black      | T-Style  | Black     | No          | No       | No       |
| 905-150-5002        | 905-160-50144   | 144 µm (+5/-0 µm)               | 9.855 mm (.388") | 3.167 mm (.1247") | Yes           | Nickel Plated Brass   | Knurled           | 2.8 mm                | Yes       | Black      | T-Style  | Black     | No          | No       | No       |
| 905-150-5058        | 905-160-50172   | 172 µm (+10/-0 µm)              | 9.855 mm (.388") | 3.167 mm (.1247") | Yes           | Nickel Plated Brass   | Knurled           | 2.8 mm                | Yes       | Black      | T-Style  | Black     | No          | No       | No       |
| 905-150-5074        | 905-160-50200   | 200 µm (+10/-0 µm)              | 9.855 mm (.388") | 3.167 mm (.1247") | Yes           | Nickel Plated Brass   | Knurled           | 2.8 mm                | Yes       | Black      | T-Style  | Black     | No          | No       | No       |

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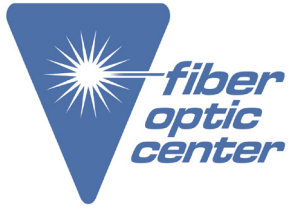
## SMA Classic 905 Series

| Classic Part Number   | New Part Number | Ferrule Hole Size and Tolerance | Ferrule Length   | Ferrule OD        | Crimp Ferrule | Coupling Nut Material | Coupling Nut Type | Boot Diameter-Rear ID | Boot Logo | Boot Color | Cap Type | Cap Color | Tether Loop | Cap Slit | Cap Logo |
|-----------------------|-----------------|---------------------------------|------------------|-------------------|---------------|-----------------------|-------------------|-----------------------|-----------|------------|----------|-----------|-------------|----------|----------|
| 905-150-5008          | 905-160-50225   | 225 µm (+10/-0µm)               | 9.855 mm (.388") | 3.167 mm (.1247") | Yes           | Nickel Plated Brass   | Knurled           | 2.8 mm                | Yes       | Black      | T-Style  | Black     | No          | No       | No       |
| 905-150-5086          | 905-160-50240   | 240 µm (+10/-0 µm)              | 9.855 mm (.388") | 3.167 mm (.1247") | Yes           | Nickel Plated Brass   | Knurled           | 2.8 mm                | Yes       | Black      | T-Style  | Black     | No          | No       | No       |
| 905-150-5056          | 905-160-50250   | 250 µm (+15/-0 µm)              | 9.855 mm (.388") | 3.167 mm (.1247") | Yes           | Nickel Plated Brass   | Knurled           | 2.8 mm                | Yes       | Black      | T-Style  | Black     | No          | No       | No       |
| 905-150-5040          | 905-160-50284   | 284 µm (+15/-0 µm)              | 9.855 mm (.388") | 3.167 mm (.1247") | Yes           | Nickel Plated Brass   | Knurled           | 2.8 mm                | Yes       | Black      | T-Style  | Black     | No          | No       | No       |
| 905-150-5015          | 905-160-50330   | 330 µm(+15/-0 µm)               | 9.855 mm (.388") | 3.167 mm (.1247") | Yes           | Nickel Plated Brass   | Knurled           | 2.8 mm                | Yes       | Black      | T-Style  | Black     | No          | No       | No       |
| 905-150-5195-P (Bulk) | 905-160-50420-P | 420 µm (+15/-0 µm)              | 9.855 mm (.388") | 3.167 mm (.1247") | Yes           | Nickel Plated Brass   | Knurled           | 2.8 mm                | Yes       | Black      | T-Style  | Black     | No          | No       | No       |
| 905-150-5004          | 905-160-50436   | 436 µm (+15/-0 µm)              | 9.855 mm (.388") | 3.167 mm (.1247") | Yes           | Nickel Plated Brass   | Knurled           | 2.8 mm                | Yes       | Black      | T-Style  | Black     | No          | No       | No       |
| 905-150-5095          | 905-160-50470   | 470 µm (+15/-0 µm)              | 9.855 mm (.388") | 3.167 mm (.1247") | Yes           | Nickel Plated Brass   | Knurled           | 2.8 mm                | Yes       | Black      | T-Style  | Black     | No          | No       | No       |
| 905-150-5064          | 905-160-50485   | 485 µm (+15/-0 µm)              | 9.855 mm (.388") | 3.167 mm (.1247") | Yes           | Nickel Plated Brass   | Knurled           | 2.8 mm                | Yes       | Black      | T-Style  | Black     | No          | No       | No       |
| 905-150-5073          | 905-160-50521   | 521 µm (+15/-0 µm)              | 9.855 mm (.388") | 3.167 mm (.1247") | Yes           | Nickel Plated Brass   | Knurled           | 2.8 mm                | Yes       | Black      | T-Style  | Black     | No          | No       | No       |
| 905-150-5152          | 905-160-50610   | 610 µm (+15/-0 µm)              | 9.855 mm (.388") | 3.167 mm (.1247") | Yes           | Nickel Plated Brass   | Knurled           | 2.8 mm                | Yes       | Black      | T-Style  | Black     | No          | No       | No       |
| 905-150-5172          | 905-160-50630   | 630 µm (+15/-0 µm)              | 9.855 mm (.388") | 3.167 mm (.1247") | Yes           | Nickel Plated Brass   | Knurled           | 2.8 mm                | Yes       | Black      | T-Style  | Black     | No          | No       | No       |

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## SMA Classic 905 Series

| Classic Part Number | New Part Number | Ferrule Hole Size and Tolerance            | Ferrule Length   | Ferrule OD        | Crimp Ferrule | Coupling Nut Material | Coupling Nut Type | Boot Diameter-Rear ID | Boot Logo | Boot Color | Cap Type | Cap Color | Tether Loop | Cap Slit | Cap Logo |
|---------------------|-----------------|--------------------------------------------|------------------|-------------------|---------------|-----------------------|-------------------|-----------------------|-----------|------------|----------|-----------|-------------|----------|----------|
| 905-150-5090        | 905-160-50225   | 672 $\mu\text{m}$ (+15/-0 $\mu\text{m}$ )  | 9.855 mm (.388") | 3.167 mm (.1247") | Yes           | Nickel Plated Brass   | Knurled           | 2.8 mm                | Yes       | Black      | T-Style  | Black     | No          | No       | No       |
| 905-150-5059        | 905-160-50700   | 700 $\mu\text{m}$ (+15/-0 $\mu\text{m}$ )  | 9.855 mm (.388") | 3.167 mm (.1247") | Yes           | Nickel Plated Brass   | Knurled           | 2.8 mm                | Yes       | Black      | T-Style  | Black     | No          | No       | No       |
| 905-150-5084        | 906-160-50735   | 735 $\mu\text{m}$ (+15/-0 $\mu\text{m}$ )  | 9.855 mm (.388") | 3.167 mm (.1247") | Yes           | Nickel Plated Brass   | Knurled           | 2.8 mm                | Yes       | Black      | T-Style  | Black     | No          | No       | No       |
| 905-150-5179        | None, 2nd body  | 820 $\mu\text{m}$ (+15/-0 $\mu\text{m}$ )  | 9.855 mm (.388") | 3.167 mm (.1247") | Yes           | Nickel Plated Brass   | Knurled           | 2.8 mm                | Yes       | Black      | T-Style  | Black     | No          | No       | No       |
| 905-150-5033        | 905-160-50960   | 960 $\mu\text{m}$ (+15/-0 $\mu\text{m}$ )  | 9.855 mm (.388") | 3.167 mm (.1247") | Yes           | Nickel Plated Brass   | Knurled           | 2.8 mm                | Yes       | Black      | T-Style  | Black     | No          | No       | No       |
| 905-150-5057        | 905-160-51055   | 1055 $\mu\text{m}$ (+15/-0 $\mu\text{m}$ ) | 9.855 mm (.388") | 3.167 mm (.1247") | Yes           | Nickel Plated Brass   | Knurled           | 2.8 mm                | Yes       | Black      | T-Style  | Black     | No          | No       | No       |
| 905-150-5034        | 905-160-51120   | 1210 $\mu\text{m}$ (+15/-0 $\mu\text{m}$ ) | 9.855 mm (.388") | 3.167 mm (.1247") | Yes           | Nickel Plated Brass   | Knurled           | 2.8 mm                | Yes       | Black      | T-Style  | Black     | No          | No       | No       |
| 905-150-5162        | 905-160-61650   | 1650 $\mu\text{m}$ (+25/-0 $\mu\text{m}$ ) | 9.855 mm (.388") | 3.167 mm (.1247") | Yes           | Nickel Plated Brass   | Knurled           | 2.8 mm                | Yes       | Black      | T-Style  | Black     | No          | No       |          |

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