

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

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
905-150-5093	905-160-50260	260 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
905-150-5049	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
905-150-5082	905-160-50375	375 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	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
905-150-5153	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
905-150-5151	905-160-50625	625 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	905-160-50641	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
905-150-5158	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

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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
905-150-5008	905-160-50225	225 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
905-150-5086	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
905-150-5090	905-160-50672	672 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
905-150-5059	905-160-50700	700 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
905-150-5084	906-160-50735	735 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
905-150-5179	None, 2nd body	820 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
905-150-5033	905-160-50960	960 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
905-150-5057	905-160-51055	1055 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
905-150-5034	905-160-51120	1210 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
905-150-5162	905-160-61650	1650 µm (+25/-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

Amphenol



Meets QA Standards:

REACH 240 Compliant
RoHS Certificate of Compliance



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70+ Years of Expertise in Optics



Surgical Fiber & Sterile Consumables



Certified Class 7 Clean Room in Vietnam

- ✓ Global manufacturing facilities in China, Vietnam, and Mexico; quick-turnaround sites in the USA with advanced testing and limited production.
- ✓ Expertise in medical and specialty fibers with cross-division collaboration.
- ✓ Assemblies and connectors designed for secure RFID integration, protecting against gray market goods and unauthorized use.
- ✓ Highly trained staff focused on delivering top-quality products.



Amphenol Fiber Optic Products

Sales Administration for Quotes,
Orders, and Order Status

1431 Opus Place
Suite 500
Downers Grove, IL 60515

✉ Sales@amphenol-fop.com
☎ 833-499-2385