

Amphenol

Fiber Optic Interconnects

905/906 SMA & SMARt Fibre Connectors

General Durability - 1000 cycles | Temp Termination -40°C~85°C - UTP**below

Part Number:	Use With Fiber Sizes (µm)	Max Buffer Diameter (mm)	Typical Insertion Loss (dB)
905-400-5002	100/140	2.46	< 0.3
905-400-5007	100/140	2.46	<0.8
905-405-5002	50/125 62.5/125	2.46	<0.6
905-405-5007	50/125 62.5/125	2.46	<0.8
906-500-5002	100/140	2.46	<0.3
906-500-5007	100/140	2.46	<0.4
906-505-5002	50/125 62.5/125	2.46	<0.4
906-505-5007	50/125 62.5/125	2.46	<0.5
905-150-5001	50/125 62.5/125	2.46	<2.0
905-150-5002	100/140	2.46	<2.0
905-150-5003	200/300	2.46	<2.0
905-150-5004	400/430	2346	<2.0
905-150-5005	600/630	2343	<2.0
906-122-5000	100/140	2.46	<0.8
906-122-5004	50/125 62.5/125	2.46	<1.0
905-120-5000	Adapter – bulkhead feedthru, d-hole mount, jack-jack, nut and washer		
905-120-5003	Adapter – in-line, jack-jack, 2 nuts and 2 washers		
905-120-5004	Half Length Adapter – nut and washer		
905-120-5008	Adapter – environmentally-sealed, bulkhead feedthru, d-hole mount, jack-jack, nut and washer		
905-120-5016	SMARt Adapter 0 bulkhead feedthru, d-hole mount, jack-jack, nut and washer		



905 SMARt

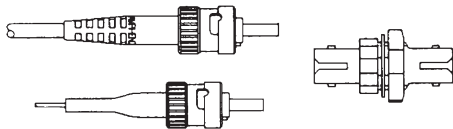


906 SMARt

953 ST Fibre Connectors

Materials: Body - Zinc, Plating - Ni | Connection Loss: 9/125µm - 0.19dB, 62.5/125µm - 0.13dB, 50/125µm - 0.14dB, 100/140µm - 0.10dB | General: Durability - 1000 cycles, Temp -40°C~85°C, Termination- UTP** below

Part Number:	Description	Mode
953-101-5005	ST, 125 µm Zirconia PC Ferrule, Red	sm
953-101-5006	ST, 126 µm Zirconia PC Ferrule, Yellow	sm
953-101-5007	ST, 127 µm Zirconia PC Ferrule, Green	sm
953-101-5008	ST, 128 µm Zirconia PC Ferrule, Blue	sm
953-101-5010	ST, 128 µm Zirconia PC Ferrule, Black	mm
953-101-5011	ST, 144 µm Zirconia PC Ferrule, Grey	mm
953-122-5002	ST Adapter, Polymer Body, P/B Alignment Sleeve, Beige	mm
954-953-5000	SC-ST Converting, Zirconia Ceramic Alignment Sleeve	sm/mm
954-953-5001	SC-ST Converting, P/B Alignment Sleeve	sm/mm
954-120-5000	ST Adapter, Polymer Body, Zirconia Ceramic Alignment Sleeve, Black	sm/mm
927-100-5041	ST Designer's Kit	sm/mm
953-102-5001	ST II, Polymeric Body and Coupling Nut, 128 µm Stainless Steel Ferrule	mm
953-102-5002	ST II, Polymeric Body and Coupling Nut, 144 µm Stainless Steel Ferrule	mm
953-102-5003	ST II, Polymeric Body and Coupling Nut, 231 µm Stainless Steel Ferrule	mm
953-102-5004	ST II, Polymeric Body and Coupling Nut, 436 µm Stainless Steel Ferrule	mm
953-102-5005	ST II, Polymeric Body and Coupling Nut, 641 µm Stainless Steel Ferrule	mm
953-102-5301	ST II, Metal Body and Coupling Nut, 128 µm Stainless Steel Ferrule	mm
953-102-5302	ST II, Metal Body and Coupling Nut, 144 µm Stainless Steel Ferrule	mm
953-102-5303	ST II, Metal Body and Coupling Nut, 231 µm Stainless Steel Ferrule	mm
927-100-5041	ST II Designer's Kit	mm



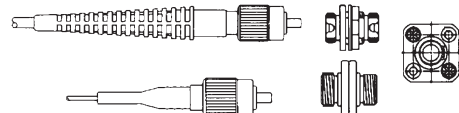
* Connectors supplied with 3mm diameter bend relief boot and 900µm bare fibre bend relief boot. ** UTP – Amphenol's Universal Termination Procedure tool kit P/N 949-1048



944 FC/PC One Piece Fibre Connectors

Connection Loss: 9/125µm - 0.19dB, 62.5/125µm - 0.21dB, 50/125µm - 0.14dB | General: Durability - 500 cycles, Temp -40°C~85°C, Termination- UTP** See below

Part Number:	Description	Mode
944-601-5005	125 µm Zirconia PC Ferrule	sm
944-601-5006	126µm Zirconia PC Ferrule	sm
944-601-5305	125µm Zirconia PC Ferrule, High Performance Boot	sm
944-601-5306	126 µm Zirconia PC Ferrule, High Performance Boot	sm
944-611-5005	125 µm Zirconia PC Ferrule, Tunable	sm
944-611-5006	126 µm Zirconia PC Ferrule, Tunable	sm
944-611-5105	125 µm Zirconia PC Ferrule, Tunable, High Performance Boot	sm
944-611-5106	126 µm Zirconia PC Ferrule, Tunable, High Performance Boot	sm
944-601-5010	128 µm Zirconia PC Ferrule	mm
944-120-6000	FC Adapter, Flange Mount, Zirconia Ceramic Sleeve	sm/mm
944-120-6001	FC Adapter, Flange Mount, P/B Alignment Sleeve	sm/mm
944-125-6002	FC Adapter, D-Hole, Feed-Through, P/B Alignment Sleeve	sm/mm
944-125-6003	FC Adapter, D-Hole, Feed-Through, Ceramic Sleeve	sm/mm
944-125-6004	FC/APC Adapter, D-Hole, Feed-Through, Ceramic Sleeve	sm/mm
944-125-6005	Angle Adapter, P/B Alignment Sleeve	sm/mm
954-944-5000	SC/FC Converting Adapter, P/B Alignment Sleeve	sm/mm
954-944-5001	SC/FC Converting Adapter, Zirconia Ceramic Sleeve	sm/mm
944-120-1014	FC Adapter, Captivated Dust Cap	sm/mm



* Connectors supplied with 3mm diameter bend relief boot and 900µm bare fibre bend relief boot.

954 SC Fibre Connectors

Connection Loss: 9/125µm - 0.19dB, 62.5/125µm - 0.21dB, 50/125µm - 0.14dB | General: Durability - 500 cycles, Temp -40°C~85°C, Termination- UTP** See below

Part Number:	Description	Mode
954-101-5005	125 µm, Zirconia PC Ferrule	sm
954-101-5006	126µm, Zirconia PC Ferrule	sm
954-101-5305	125 µm, Zirconia PC Ferrule, High Performance Boot	sm
954-101-5306	126 µm, Zirconia PC Ferrule, High Performance Boot	sm
954-101-5515	125 µm, Zirconia PC Ferrule, Optical Disconnection-Easy Termination	sm
954-101-5516	126 µm, Zirconia PC Ferrule, Optical Disconnection-Easy Termination	sm
954-101-5010	128 µm, Zirconia PC Ferrule	mm
954-101-5011	144 µm, Zirconia PC Ferrule	mm
954-122-5002	P/B Alignment Sleeve	mm
954-120-5000	SC Adapter, Zirconia Ceramic Alignment Sleeve	sm/mm
954-120-5001	SC Adapter, P/B Alignment Sleeve	sm/mm
954-944-5000	SC/FC Converting, P/B Alignment Sleeve	sm/mm
954-944-5001	SC/FC Converting, Zirconia Ceramic Alignment Sleeve	sm/mm
954-953-5000	SC/ST Converting, Zirconia Ceramic Alignment Sleeve	sm/mm
954-953-5001	SC/ST Converting, P/B Alignment Sleeve	sm/mm
954-101-5205	SC Duplex Connector, 125 µm, Zirconia PC Ferrule	sm
954-101-5206	SC Duplex Connector, 126 µm, Zirconia PC Ferrule	sm
954-101-5210	SC Duplex Connector, 128 µm, Zirconia PC Ferrule	mm
954-101-5211	SC Duplex Connector, 144 µm, Zirconia PC Ferrule	mm
954-122-5210	SC Duplex Adapter, P/B Alignment Sleeve	mm
954-953-5210	SC/ST Duplex Adapter, P/B Alignment Sleeve	mm
954-120-5200	SC Duplex Adapter, Zirconia Ceramic Alignment Sleeve	sm/mm
954-122-5201	SC Duplex Adapter, P/B Alignment Sleeve	sm/mm
954-953-5200	SC/ST Duplex Adapter, Zirconia Ceramic Alignment Sleeve	sm/mm
954-120-5301	SC safety door adapter, ceramic sleeve, green body	sm
954-120-5302	SC safety door adapter, ceramic sleeve, blue body	sm
954-122-5301	SC safety door adapter, metal sleeve, green body	sm
954-122-5302	SC safety door adapter, metal sleeve, blue body	sm
954-122-5310	SC safety door adapter, metal sleeve, beige body	mm



* Connectors supplied with 3mm diameter bend relief boot and 900µm bare fibre bend relief boot.

Mouser Electronics

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[905-120-5008](#)