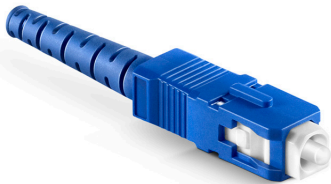


# SC SERIES

- Ultra low insertion loss and back reflection
- IEC60B74-14; F04 (JIS C5973); FOCUS-3; TIA/EIA-604-3A;
- Telcordia GR-326-4 CORE Compliant
- UL94 V-0 rated plastic housing and boots
- Standard and Telcordia style high spec boots in various colors
- One piece corrosion resistant design
- RoHS compliant

SPECIFICATION		SINGLEMODE	MULTIMODE
Ferrule Inner Diameter (Available in custom ID sizes)		125µm +1/-0 Concentricity: ≤ 1µm 125.5µm +1/-0 Concentricity: ≤ 1µm 126µm +1/-0 Concentricity: ≤ 1µm	127µm 144µm 230µm
Insertion Loss	Elite Con. Ultra Low loss	0.05dB Typical	
	Elite Con. APC Ultra Low loss	0.08dB Typical	
	High Spec Connector UPC	0.07dB Typical	
	High Spec Connector APC	0.10dB Typical	
	High Spec Connector MM		0.12dB
	Standard Connector	0.10dB Typical	0.16dB
Return Loss		≥ -55dB Typical (PC) ≥ -65dB Typical (APC)	
Durability		<0.1dB Typical change, 500 matings	<0.1dB Typical change, 500 matings
Operating Temperature		-40°C to +75°C	-40°C to +75°C

## SC-Elite™ SC High Spec PRE-ASSEMBLED

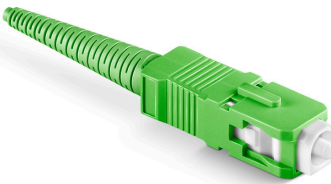


CONNECTOR TYPE		FERRULE I.D.		HOUSING		BOOT		BOOT COLOR	
CN-SCE	Elite Connector	125	SM: 125µm	1	Blue	1	900µm Smooth Fiber Short	1	Blue
CN-SC	High Spec Connector	1255	SM: 125.5µm	2	Black	2	900µm High Spec Slotted Boot	2	Black
		126	SM: 126µm	4	Beige	A	900µm GR-type	3	Green
		127	MM: 127µm	6	Red	12	1.2mm High Spec Slotted Boot	4	Beige
		144	MM: 144µm			3	2.0mm Standard Boot	6	Red
		230	MM: 230µm			4	2.0mm High Spec SC Boot	7	Yellow
						5	2.0mm Smooth Short Boot	8	White
						6	2.4mm Smooth Boot	0	Gray
						7	3.0mm Smooth Boot		
						8	3.0mm Standard Boot		
						9	3.0mm High Spec SC Boot		

ORDER CODE example:

CN - SC - 125 - 131

## SC-Elite™ APC SC High Spec APC PRE-ASSEMBLED



APC FERRULE TYPE		FERRULE I.D.		ANGLE		BOOT	
CN-SCASE	Elite Step	125	SM: 125µm	1	No Angle	1	900µm Smooth Fiber Short
CN-SCACE	Elite Conical	1255	SM: 125.5µm	2	8° Pre-Angle	2	900µm High Spec Slotted Boot
CN-SCAS	Step	126	SM: 126µm			A	900µm GR-type
CN-SCAC	Conical					12	1.2mm High Spec Slotted Boot
						3	2.0mm Standard Boot
						4	2.0mm High Spec SC Boot
						5	2.0mm Smooth Short Boot
						6	2.4mm Smooth Boot
						7	3.0mm Smooth Boot
						8	3.0mm Standard Boot
						9	3.0mm High Spec SC Boot

ORDER CODE example:

CN-SCAC - 1255 - 1A

01/03/16-Interconnect-FAM-Rev 2.7 - Changes without prior notice

Specifications may change without notice. Display Product Photos Shown are samples for viewing, not actual products. Colours and styles may vary.

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## SC STANDARD

CONNECTOR TYPE		FERRULE I.D.	HOUSING		BOOT		BOOT COLOR	
CN-SCPA	Pre-assembled	1255	SM: 125.5µm	1 Blue	1	900um Smooth Fiber Short Boot	1	Blue
CN-SCUK	Unassembled kit	127	MM: 127µm	2 Black	3	2.0mm Standard Boot	2	Black
		000	No Ferrule Opt.	4 Beige	8	3.0mm Standard Boot	4	Beige
							5	Aqua

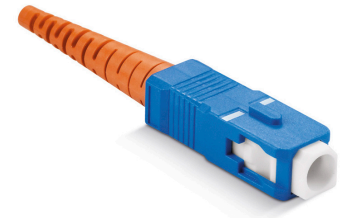


ORDER CODE example:

CN-SCPA - 1255 - 282

## SC CONNECTOR KIT NTT STYLE

CODE	OUTER HOUSING		BOOT		BOOT COLOR	
CN-SCK	A	Blue with White line	1	900um Smooth Fiber Short Boot	1	Blue
	B	Black with White Line	3	2.0mm Standard Boot	2	Black
	C	Beige with White Line	8	3.0mm Standard Boot	3	Green
	D	Green with White Line			4	Beige
					6	Red

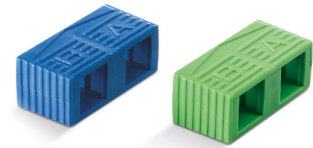


ORDER CODE example:

CN-SCK - A - 36

## SC DUPLEX UNIVERSAL CLIP

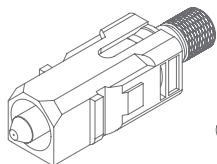
CODE / CONNECTOR TYPE	TYPE		COLOR		
CN-SCCS	SC Duplex Clip for Standard Connector	H	High Spec	1	Blue
		S	Standard	2	Black
				3	Green
				4	Beige
				6	Red



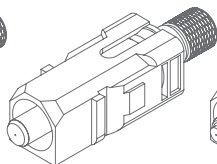
ORDER CODE example:

CN-SCCS - H - 1

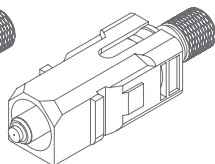
### Connector Body Examples



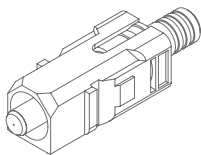
SC Elite® High Spec Connector  
Body APC Conical



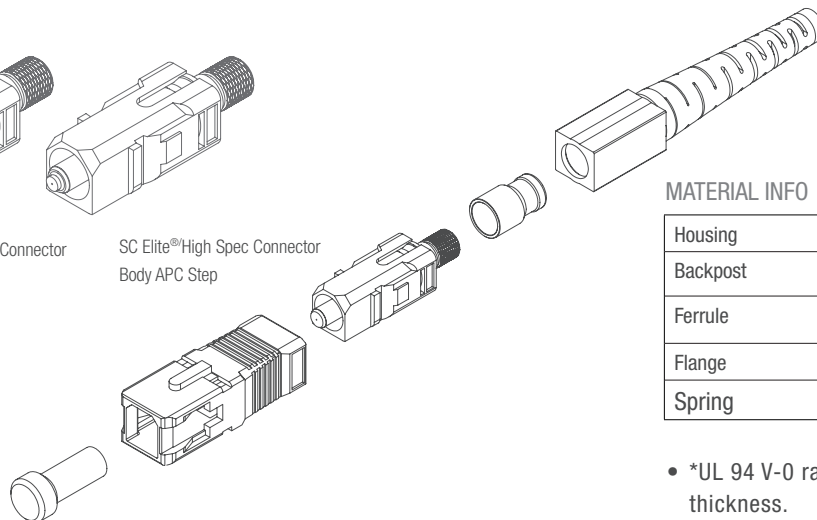
SC Elite® High Spec Connector  
Body SM/MM PC



SC Elite® High Spec Connector  
Body APC Step



SC Standard Connector Body SM/PC



### MATERIAL INFO

Housing	PBT*
Backpost	Brass/ Ni-plating
Ferrule	Zirconia
Flange	Brass/ Ni plating
Spring	SUS 304

- \*UL 94 V-0 rated at qualifying thickness.
- White Color

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