SC/UPC Standard Connectors

900μm Standard

2.0mm Standard

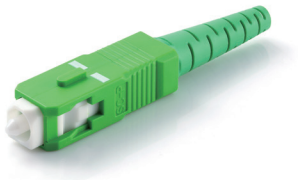
3.0mm Standard

Connector		Ferrule Type		Boot Size		Housing Color		Boot Color		Boot Type	
310	SC/UPC 1pc	201	SM Standard 125μm	1	0.9mm	L	Blue	W	White	T	Standard
		203	SM Premium 125μm	2	2.0mm	B	Beige	L	Blue	S	Short
		405	MM Premium 127μm	3	3.0mm	A	Aqua	A	Aqua	D	Telcordia(2.0/3.0)
						V	Violet	V	Violet	A	Angled(2.0/3.0)
						R	Red	Y	Yellow		
						K	Black	K	Black		
						Y	Yellow	R	Red		

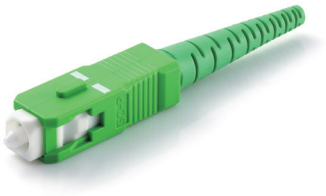
Ordering Example: 310-201-3LLT

SC/APC Standard Connectors

900μm Standard



2.0mm Standard



3.0mm Standard

Connector		Ferrule Endface		Ferrule Type		Boot Size		Boot Type	
310	SC/UPC 1pc	C	Conical, No Angle	201	SM Standard 125μm	1	0.9mm	T	Standard
		D	Conical, 8° Degree	203	SM Premium 125μm	2	2.0mm	S	Short
		S	Step, No Angle			3	3.0mm	D	Telcordia(2.0/3.0)
		A	Step, 8° Degree					A	Angled(2.0/3.0)

Ordering Example: 318-201-3T-T

SC Connectors Family

The full name of SC Connector is Subscription Channel connector, which is originally developed by NTT. It's a push-pull connector with a square body of injection molded thermo-plastic. It has an easy-to-use push to insert and pull to remove locking mechanism, which prevents rotational misalignment. And an audible click lets you know that the connector is fully engaged. It has become known as a popular industry standard connector, and can be duplex with a clip.

SAISO SC connectors are available with high quality ferrules of singlemode as physical contact(PC), angled physical contact(APC), and Multi-mode physical contact(PC) ferrules, in together of different colors housing, types of boots. SAISO is providing Standard and Premium two levels for choices, which are better to meet your different applications and requirements.

◎Features

- Easy-to-use, push and pull locking mechanism
- Low insertion and back refiection loss
- One-piece construction & pull-proof design
- Different colors housing and types of boots with UL-Rated
- Available with angled boot and SC 4.8mm connector
- Compliance with Telcordia, TIA/IEA, IEC and JIS

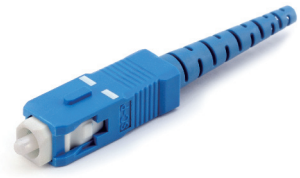
◎Specification

Item	Singlemode		Multimode	
Insertion Loss	Standard	0.12dB Typical	Standard	0.20dB Typical (127μm)
	Premium	0.08dB Typical	Premium	0.15dB Typical (127μm)
Return Loss	≥55dB Typical (PC)		≥30dB (PC)	
	≥65dB Typical (APC)			
Durability	≤0.1dB typical change, 500 matings		≤0.1dB typical change, 500 matings	
Ferrule Hole Sizes (Custom sizes available)	125μm +1/-0, Concentricity: ≤1μm		127μm, Concentricity: ≤4μm	
	125.5μm +1/-0, Concentricity: ≤1μm			
Operating Temperature	-40°C to +75°C		-40°C to +75°C	

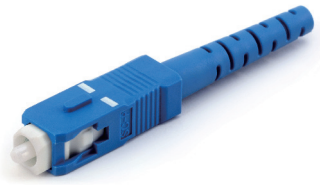
*The above Specifications were obtained by using SAISO recommended products and procedures.

SC/UPC Enhanced Connectors

900μm Standard



2.0mm Standard



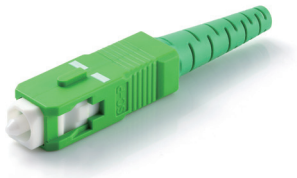
3.0mm Standard

Connector		Ferrule Type		Boot Size		Housing Color		Boot Color		Boot Type	
310	SC/UPC 1pc	201	SM Standard 125μm	1	0.9mm	L	Blue	W	White	T	Standard
		203	SM Premium 125μm	2	2.0mm	B	Beige	L	Blue	S	Short
		405	MM Standard 127μm	3	3.0mm	A	Aqua	A	Aqua	D	Telcordia(2.0/3.0)
						V	Violet	V	Violet	A	Angled(2.0/3.0)
								Y	Yellow		
								K	Black		
								R	Red		

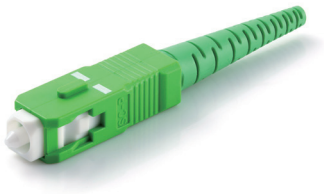
Ordering Example: 310-201-3LLT

SC/APC Enhanced Connectors

900μm Standard



2.0mm Standard



Connectors	
318	SC/APC 1pc

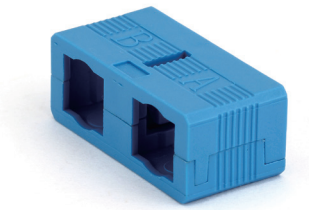
Ferrule Endface	
C	Conical, No Angle
D	Conical, 8° Degree
S	Step, No Angle
A	Step, 8° Degree

Ferrule Level	
201	SM Standard 125μm
203	SM Premium 125μm

Boot Size	
1	0.9mm
2	2.0mm
3	3.0mm

Boot Type	
T	Standard
S	Short
D	Telcordia(2.0/3.0)
A	Angled(2.0/3.0)

Ordering Example: 318-201-3T-T



Clip	
300	SC Clip

Clip Channel	
1	For Standard
2	For Premium

Color	
G	Green
L	Blue
B	Beige

Ordering Example: 300-1L