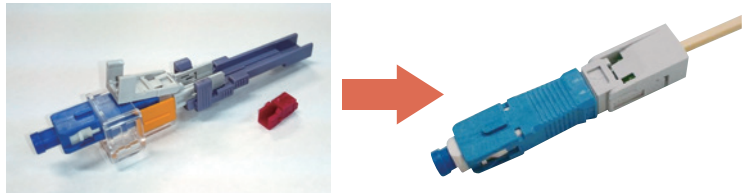# Field Installable Connector
KANTAN SC Connector *(for Drop/Indoor Cable)*

Features and Benefits

- Quick and easy assembly time
- No polishing or no epoxy required
- Fully compatible with standard SC connector
- Low insertion loss

Specification

Item	Specification
Applicable cable diameter (mm)	3.1 x 2.0 (Drop/Indoor cable)
	2.0 x 1.6 (Low friction indoor cable)
Polishing type	SPC polish, APC polish
Insertion loss (dB)	≤ 0.5 (SPC polish), ≤ 0.6 (APC polish)
Return loss (dB)	≥ 40 (SPC polish), ≥ 50 (APC polish)
Operating temperature (˚C)	- 40 ～ +75

*This is typical specification. Furukawa Electric reserves the right to improve, enhance and modify the specification of these products without prior notification.

Tools for Assembly (Optional)

Fiber cleaver S326A

Fiber coating stripper FA-504

Cable holder FA-501B

Ordering Information

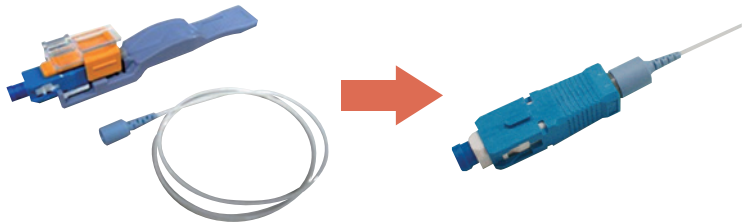| Type	Product Code
SPC polish, Drop/Indoor Cable	KSC/SPC-F-SM-250-IKY
APC polish, Drop/Indoor Cable	KSC/APC-F-SM-250-IKY
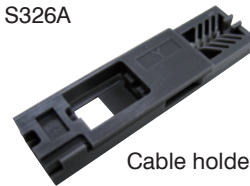
Field Installable Connector
KANTAN SC Connector *(for 0.25mm fiber)*

Features and Benefits

- Quick and easy assembly time
- No polishing or no epoxy required
- Fully compatible with standard SC connector
- Low insertion loss

Specification

Item	Specification
Applicable fiber	Single Optical fiber (ITU-T G.652.B, G.652.D, G.657.A)
Applicable fiber diameter (μm)	250 ± 15
Polishing type	SPC polish, APC polish
Insertion loss (dB)	≤ 0.5 (SPC polish), ≤ 0.6 (APC polish)
Return loss (dB)	≥ 40 (SPC polish), ≥ 50 (APC polish)
Operating temperature (˚C)	- 40 ～ +75

*This is typical specification. Furukawa Electric reserves the right to improve, enhance and modify the specification of these products without prior notification.

Tools for Assembly (Optional)

Fiber cleaver S326A

Fiber coating stripper S211B

Ordering Information

Item	Product Code	Remark
SPC polish, 250μm fiber	KSC / SPC-F-SM-250	with boot
SPC polish, 250μm fiber	KSC / SPC-F-SM-250-OB	without boot
APC polish, 250μm fiber	KSC / APC-F-SM-250	with boot
APC polish, 250μm fiber	KSC / APC-F-SM-250-OB	without boot

Optical Connector and Tools