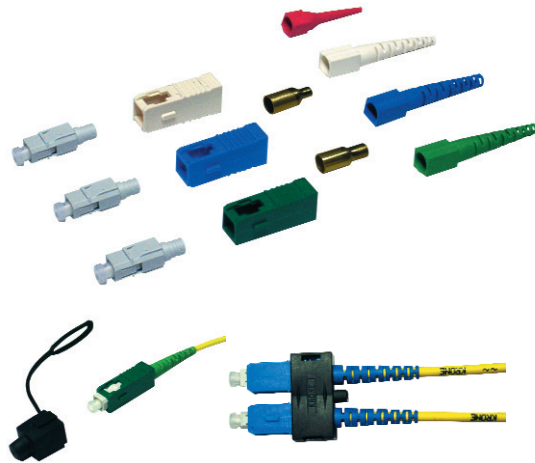


# SC Connector Family

for Singlemode and Multimode Fibres



The SC connector is a versatile, proven termination component for both simplex and duplex systems.

- Easy assembly, with few parts
- The dust protection cover attaches to the cable by a loop, assuring it will not get lost
- ADC KRONE's SC duplex clip enables two simplex connectors to be combined to form a duplex connector, even after the simplex connectors have been assembled (the clip is ordered separately)
- Both simplex and duplex patch cords only require one type of connector kit, reducing inventory and storage costs

## Specifications

	Singlemode UPC	Singlemode APC	Multimode
<b>Standard: Mating face</b>			
Connector interface according to IEC 61754-4	•	•	•
<b>Optical, mechanical and environmental characteristics</b>			
IEC 61753-2-1	•	•	
IEC 61753-1-1			•
CECC 86265-802/806		•	
CECC 86265-804/805		• <sup>1</sup>	
CECC 86265-801/803		• <sup>2</sup>	
TS 0161/96 (Deutsche Telekom AG)		• <sup>3</sup>	
Telcordia GR-326-CORE	•	•	
<b>Attenuation</b>			
Against reference connector, IEC 61300-3-4	Typical $\leq 0.12$ dB		
Random mating, IEC 61300-3-4	Typical $\leq 0.15$ dB	Typical $\leq 0.25$ dB	
	Maximum $\leq 0.35$ dB	Maximum $\leq 0.5$ dB (95%)	
<b>Ferrules</b>			
Hole diameter	126 $\mu\text{m}$	125 $\mu\text{m}$	126 $\mu\text{m}$
Shape of ferrule face	predomed	conical, flat	predomed
<b>Mechanical and environmental stability</b>			
Mating durability	Minimum 1,000 cycles		
Cable retention	100 N		
Operating temperature range	40° to +85°C (can be limited by the cable)		

<sup>1</sup>SC 8°APC untuned/tuned; <sup>2</sup>SC 9°APC untuned/tuned; <sup>3</sup>SC 9°APC tuned

TECHNICAL DATA

Ordering Information	
Description	Catalogue Number
<b>SC connector</b> must be ordered in quantities divisible by 100 Singlemode, PC/UPC, blue housing Singlemode, APC8°/APC9°, green housing Multimode, beige housing	6824 1 002-00 6824 1 001-00 6824 1 003-00
<b>SC crimp set</b> must be ordered in quantities divisible by 100 3.0mm cable Blue boot Green boot Beige boot Red boot Black boot 2.4mm cable Blue boot Green boot Beige boot Red boot Black boot 2.0mm cable Blue boot Green boot Beige boot Red boot Black boot 0.9mm cable Blue boot Green boot Beige boot Red boot Black boot	6824 1 100-00 6824 1 100-01 6824 1 100-02 6824 1 100-03 6824 1 100-10 6824 1 101-00 6824 1 101-01 6824 1 101-02 6824 1 101-03 6824 1 101-10 6824 1 102-00 6824 1 102-01 6824 1 102-02 6824 1 102-03 6824 1 102-10 6824 1 103-00 6824 1 103-01 6824 1 103-02 6824 1 103-03 6824 1 103-10
<b>Accessories</b> SC duplex clip SC/LC tuning tool Dust protection cover must be ordered in quantities divisible by 100	6824 2 220-00 7048 1 050-00 6824 3 900-00



**KRONE**



**Internet: [www.adckrone.com](http://www.adckrone.com)**

For a listing of our global sales office locations, please refer to our web site.

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