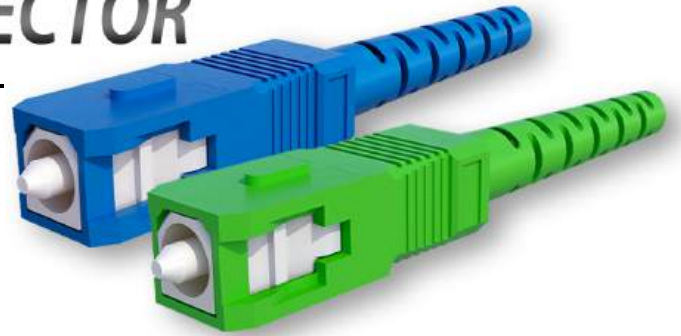


SC STANDARD CONNECTOR

Quantum Networking



The SUN CONE SC Standard Connector is a cost-effective and versatile solution, fully compatible with both Multimode and Singlemode fibers. It supports various cable sizes, including 900 μm , 2 mm, and 3 mm, for broad application. Compliant with the IEC 61754-4 standard and meeting IEC 61753-1 Grade C random mating requirements, it ensures reliable performance. Featuring a preassembled design and a secure push-pull coupling mechanism, it enables easy installation and stable connections for optimal signal integrity.

Features

- Fully compliant with IEC 61754-4.
- Push-pull coupling mechanism for repeatable and simple installation.
- Multiple cable boot types available.
- Housing and boots can be color-coded.
- Excellent value for performance

Applications

- Data centers
- Telecommunications
- Local area networks (LANs)
- FTTX networks
- Premise distribution networks
- Industrial applications

Key benefits

- ✓ Excellent value for performance
- ✓ Reliable, durable design
- ✓ Industry standard
- ✓ Easy installation

Optical Data

	Singlemode	Multimode
	UPC	MM
	Standard	
Typical Insertion Loss (dB)	0.12	0.15
Max.Insertion Loss (dB)	0.30	0.30
Typical Return Loss (dB)	≥55	≥25
Ferrule Diameter (μm)	125.5	127

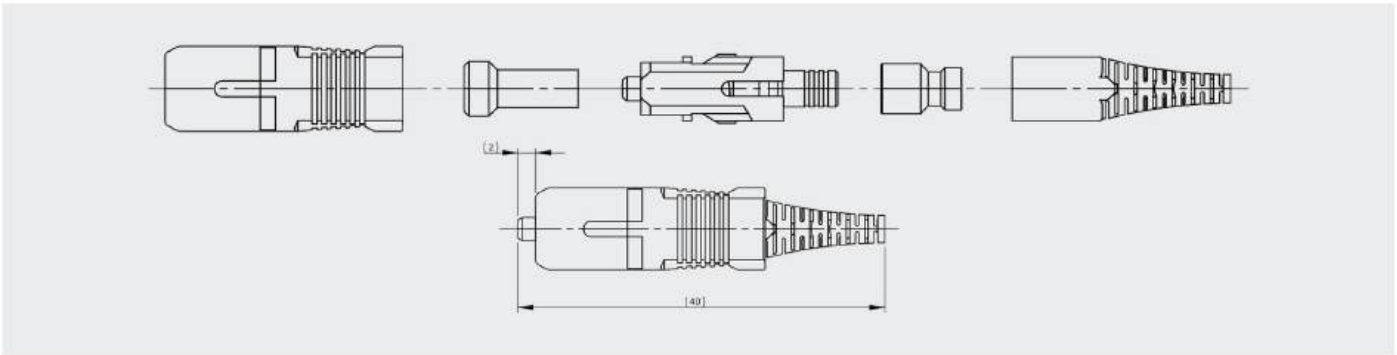
Mechanical Data

	Value
Durability	500 matings
Fiber Count	Simplex (1 fiber)
Cable Suitability	900 μm to 3 mm
Ferrule Material	Zirconia

Environmental Data

	Value
Operating Temperature	-40°C to +75°C
RoHS Compliance	Yes
REACH Compliance	Yes
Humidity Resistance	95%

Connector Drawing



- Note: 1. All dimensions are in mm.
2. Simplex, 2 mm Boot option shown, other options are available upon request.
3. Specifications subject to change without notice.