

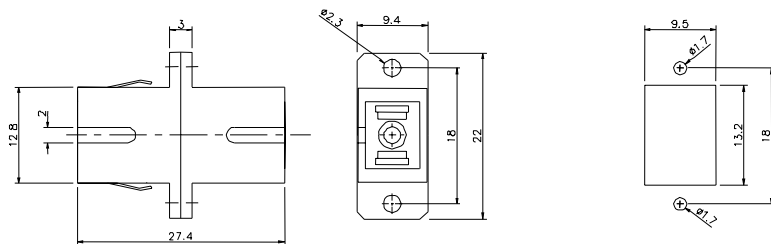
## ADAPTER

# FIBER OPTIC SOLUTIONS

## SC Adapter

### Features:

- Low insertion loss
- Low back reflection loss
- Easy to handle
- Environmentally stable



Description : The single mode adapter features a rugged zirconia sleeve for precision fiber ferrule alignment. The multimode version comes with a phosphor bronze sleeve. The adapter is easily mounted by snapping it into a panel. The rectangular housing is made of high durable plastic.

- Application: - Telecommunications
- Local Area Network
  - Fiber to the home
  - Testing Instruments
  - CATV

**Technical Specification:**

Description		Singlemode	Multimode
Insertion Loss (dB)	Max.	0.5	0.5
	Typ.	0.2	0.2
Service Life (Cycles)		1000	1000
Operating Temperature°C		-40 ~ +75	
Storage Temperature°C		-55 ~ +85	

The performance of the adapter had been carefully designed to meet the toughest standards of EIA-455, GR-NWT -000326 in the test of :

1. Optical Characteristics
2. Vibration Test
3. Thermal Cycling & Aging
4. Impact Resistance
5. Salt Spray Erosion
6. Humidity Resistance
7. Others

Part Number	Description
6643 1 021-02	Multimode SC Simplex Adapter
6643 1 021-03	Single Mode SC Simplex Adapter

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