FIBER SC ADAPTERS&CONNECTORS

LANZONE
Power Of Technology

SC Adapter   **SC Connector**

INTRODUCTION

The LANZONE SC-PC connectors offer superior performance with very high repeatability. Fully interminable with standard SC-PC, these products deliver long term stability for a range of applications and conditions. Our connectors and adapters utilize tightly toleranced pre-radiused Zirconia ferrules for consistent, low loss performance. LANZONE also provides an SC adapter family to support SC-PC interconnection. These products are available in either a premium metal body or in a polymer body construction.

APPLICATIONS

- Local Area Networks
- SONET Networks
- CATV Distribution Networks
- Point to Point Systems
- Wide Area Networks

FEATURES

- Patented NOD ConnectorSpacer Element Design
- Patented Universal SC
- Duplex Clip Option
- Telcordia GR-326 Compliant
- Both Metal and Polymer Body
- Adapters for All Standard and Hybrid Requirements

SPECIFICATIONS

SC Connectors		
Parameters	**Multimode**	**Singlemode**
Insertion Loss	0.2 dB Typical 0.3 dB Maximum	0.15 dB Typical 0.25 dB Maximum
Repeatability	< 0.2 dB	< 0.1 dB
Back Reflection	- 25 dB Typical	- 35 dB PC Polish
Connection Durability	500 Matings	500 Matings

Operating Environment	- 40°C to + 85°C	- 40°C to + 85°C
Cable Retention	> 15 Lbs	> 15 Lbs
SC Adapter		
Parameters	**Phosphor/Bronze**	**Zirconia**
Operating Temperature	- 40°C to + 85°C	- 40°C to + 85°C
Connection Durability	500 Matings	500 Matings
Repeatability	< 0.2 dB	< 0.2 dB
Insertion Loss	< 0.3 dB	< 0.2 dB

ORDERING INFORMATION

LZ-FCSCS-SM: LANZONE Singlemode Fiber connector SC, EPOXY type Simplex

LZ-FCSCS-MM: LANZONE Multimode Fiber connector SC, EPOXY type Simplex

LZ-FASCD-SM: LANZONE Single mode Fiber adapter SC type duplex

LZ-FASCD-MM: LANZONE Multi mode Fiber adapter SC type duplex