

Data Sheet 1/2

03/01/2014 / FT/ Ed.2.0

SC Simplex APC adapters for SM fibres

**REF: 48 SMT SCAS FL** 



SC/SC APC simplex green adapter SM flangeless Suitable for OS1/OS2

### **Applications**

SC/SC adapters are considered to be one of the most common inter-connection devices in fiber optic networking. The most efficient simplex version allows for example 48 connections within the given space of 1U front plate of à patch panel. In the present version, the SC-APC/SC-APC simplex adapter for Singlemode (SM) applications features a composite body with Snap-On including one Zirconia/ceramic sleeves

#### **General characteristics**

- Optical adapters Singlemode APC Simplex SC/SC,
- Composite, green housing, flangeless
- Composite body and centring sleeve made of Zirconia-Ceramic
- Packaging: Pack of 6 units.

### **Physical properties**

Centring outer diameter	2.5 mm +/- 0.001mm
Concentricity	0.001mm
Material of sleeves	ZrO2 Zirconia-Ceramic
Available colours	Green
Fixation mode	Snap-on thanks to a metal clip
Connection to inserting connectors	Push-pull
Mating cycles	1000, after 2000, typical increase of <0.05dB

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## Data Sheet 2/2

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### **Optical Performances**

Typical Attenuation	< 0.1dB
Typical Return Loss	< -20 dB
Variations at low temperature (-10°C during 4 days)	< 0.3 dB
Variations at high temperature (60°C during 4 days)	< 0.3 dB
Variations at high humidity (90 à 95% @ 40°C during 4 days)	< 0.3 dB
Operating temperature range	-40°C to 85°C
Storage temperature range	-40°C to 90°C

### **Standards**

Designed and tested to comply with the requirements of :

TIA/EIAIEC, CECC, Telcordia (Bellcore)

### **Related products**

Part numbers	Description	Packing
48 SMT SCAS	Singlemode simplex SC APC green housing	Pack of 6
48 SMT SCAS ISS	Singlemode internal saloon shutter simplex SC APC green housing	Pack of 6



48SMTSCAS

48SMTSCAS ISS

### **Ordering information**

Part number	Description	Packing
48 SMT SCAS FL	Singlemode APC simplex flangeless green housing	Pack of 6

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