



P/N: 48SMTSCASFL

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 a 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

REF : 48 SMT SCAS FL

SC Simplex APC adapters for SM fibres

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 :	<ul style="list-style-type: none"> • TIA/EIA • IEC, CECC, Telcordia (Bellcore)
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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