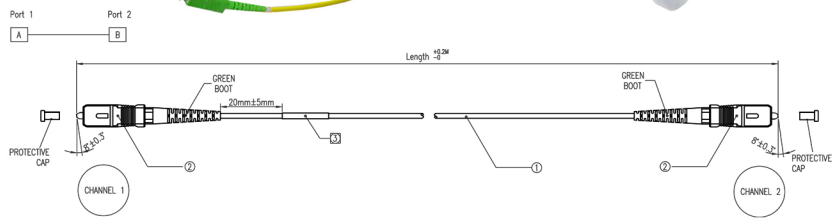


## SC APC Patch Cord (Singlemode) OS1/2



### STRUCTURE DIAGRAM & DESCRIPTION

Singlemode optical fibre is characterised by its narrow modal dispersion (8.3 to 10 micron diameter); better retaining fidelity of light pulses and exhibiting higher bandwidth than multimode. As a result, singlemode fibre is ideal for long distance applications.

With many years of acquired knowledge and experience, OPTIFAB specialise in high quality and reliable patch cords, patch leads and patch cables in a variety of lengths, colours and connector configurations. We continually monitor our processes to ensure consistent terminations.

### SPECIFICATIONS

SC Connector Dimensions	7.3mm H x 8.9mm W x 55mm D
Maximum Connector Loss	0.3 dB
Typical Connector Loss	0.2 dB
Typical Return Loss	-65 dB
Angle Tolerance	8° +/- 1.0.3°
Buffer Material	PVC
Buffer OD	900 µm
Jacket Material	LSZH
Jacket OD	2 mm/2.8 mm/3 mm
Installation Tensile Load	100 N
Long-Term Tensile Load	50 N
Maximum Tensile Load	100 N/cm
Installation (Loaded) Minimum Bend Radius	5.0cm
Long-term (Unloaded) Min. Bend Radius	3.0cm
Crush Resistance	750 N/cm
Impact Resistance	1,000 cycles
Flex Resistance	5,000 cycles
Attenuation at 1550 nm	0.25 dB/km
Attenuation at 1310 nm	0.35 dB/km
Operating Temperature	-20°C to +70°C
Other	ROC = 5mm – 12mm Apex offset = 50µm Protrusion = 0.1µm Undecut = 0.1µm

### QUADPLEX PATCH CORD FEATURES

- SCAPC Connector
- Simplex configuration
- Choice of cable colour and length
- Robust construction
- LSZH cable jacket
- Each patch cord supplied with test certificate and optical results