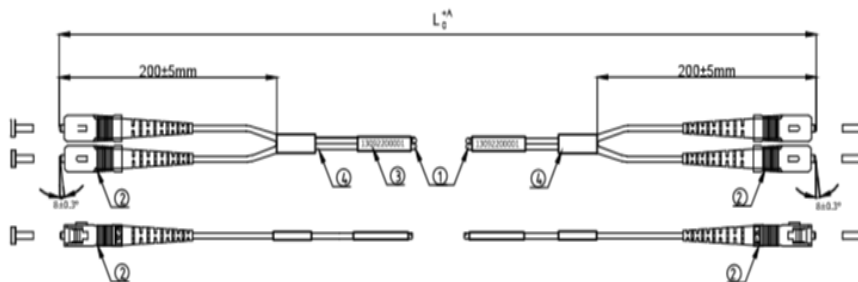


dGroup AS SC Duplex SM path cord



Length (M)	Min	Max	Unit
L<1.5	0	50	mm
L>=1.5	0	5	%
Maximum difference between connector or a single part: ±0.1			

Nota

1. All parts compliant with RoHS
2. Compliance with Telcordia GR326
3. Optical Performance

Item	SM				MM
	1310nm		1550nm		850nm
	UPC	APC	UPC	APC	UPC
Insertion Loss	</=0.2dB	</=0.2dB	</=0.2dB	</=0.2dB	</=0.2dB
Return loss	>/=55dB	>/=65dB	>/=55dB	>/=65dB	-

4. Geometrical end face tolerances

Item	Radius(mm)	Fiber Height(μm)		Apex Offset(μm)	Angle(°)
		SH	PH		
2.5mm UPC	10-25	-50+50	-100+100	<50	
2.5mm APC	5-12	-50+50	-100+100	<50	8±0.3
1.25mm UPC	7-20	-50+50	-100+100	<50	

5. When checking in 200x microscope, no scratches, dust or debris shall be visible.
6. Operating temperature -40→+70℃
Storage temperature -40→+70℃



Part No.	Fiber Type	Cable	Housing	Boot Simplex	Boot Duplex	
					Fiber 1	Fiber 2
4466XX	G.652D	Blue (RAL5012)	Green	Green	Black ¹⁾	Red ¹⁾
A466XX	G.657A	Blue (RAL5012)	Green	Green	Black ¹⁾	Red ¹⁾

- ¹⁾ White shrink tube.
- ²⁾ Black boot marked A.
- ³⁾ Red boot marked B.
- ⁴⁾ Fibre 1 shall be marked A and fibre 2 shall be marked with B.
- ⁵⁾ The connector shall be marked so it is possible to identify the fibre.(e.g. A and B)

Connector Types

SC

Cable Types

Duplex

Fiber Mode:

Corning G652D, G655, G657, SM (9/125)

Jacket types

LSZH and PVC (Diameter (mm)): \varnothing 0.9, \varnothing 2.0, \varnothing 3.0)

Polishing Types

PC, UPC, APC polishing available.

Features

- ◆ Aramid yarn strength member, high tensile strength and flexible
- ◆ High Reliability and Stability, High Return Loss, Low Insertion Loss,
- ◆ High precision of ceramic ferrule, perfect polished and 100% tested
- ◆ Quick, accurate and permanent termination in various environments
- ◆ Customer standard is available on request including OEM printing etc.

Specification

- ◆ IL: PC \leq 0.2dB, UPC \leq 0.2dB, APC \leq 0.1dB; Typical 0.1dB;
- ◆ RL: SM PC/UPC \geq 50dB, APC \geq 65dB; MM PC \geq 45dB, UPC \geq 45dB
- ◆ Interchangeability: \leq 0.2dB
- ◆ Salt Spray: \leq 0.2dB
- ◆ Repeatability: (1000 times) \leq 0.1dB

- ◆ Vibration: (550Hz 1.5mm) $\leq 0.1\text{dB}$
- ◆ High Temperature: (+85 sustain 100 hours) $\leq 0.2\text{dB}$
- ◆ Low Temperature: (-40 sustain 100 hours) $\leq 0.2\text{dB}$
- ◆ Temperature Circularly: (-40+85 sustain 100 hours) $\leq 0.2\text{dB}$
- ◆ Humidity: (+25+65 93 R. H. 100 hours) $\leq 0.2\text{dB}$
- ◆ Apex Offset: $0\mu\text{m} \leq \leq 50\mu\text{m}$
- ◆ Radius of Curvature: $7\text{mm} \leq \leq 25\text{mm}$

Application

- ◆1. Optical fiber communication system
- ◆2. Optical fiber Access Network
- ◆3. Optical fiber data transmission
- ◆4. Optical fiber CATV
- ◆5. LAN
- ◆6. Test equipment
- ◆7. Optical fiber sensor

Compliance

- ◆ Compliant with: IEC-61754-20
- ◆ Compliant with: Telcordia-GR-326-CORE
- ◆ Compliant with: RoHS