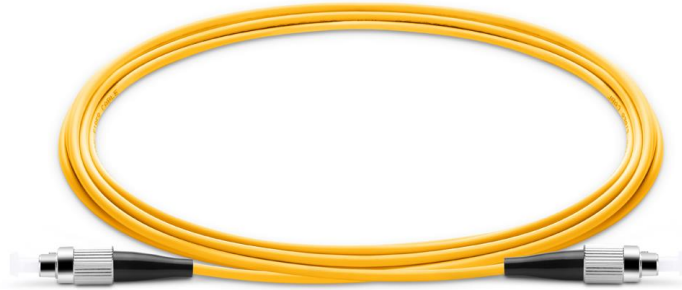


# OPTICO FC-FC SM SX Patch Cord Datasheet

Ideal for connecting 1G/10G/40G/100G Ethernet connections.



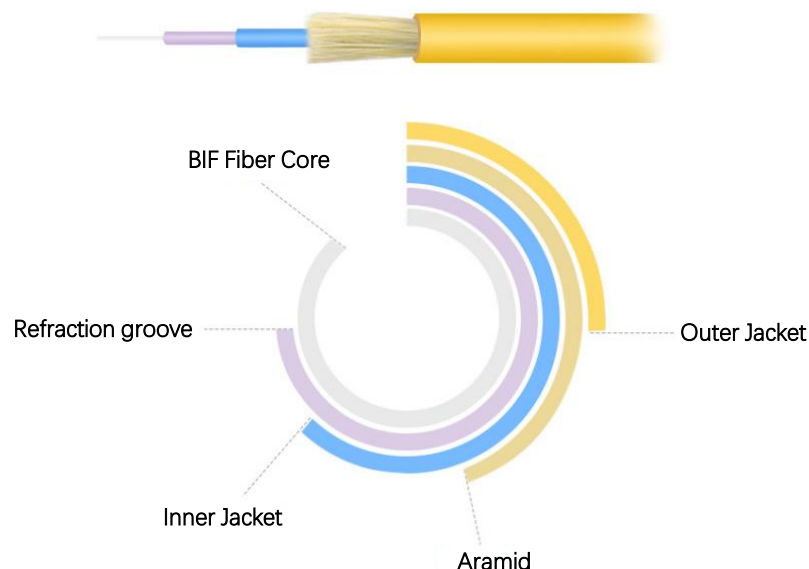
## • Description

The 9/125 $\mu$ m OS2 single mode bend insensitive fiber optic cable is less attenuation when bent or twisted compared with traditional optical fiber cables and this will make the installation and maintenance of the fiber optic cables more efficient. OPTICO 9/125 OS2 single mode fiber optic cable is ideal for connecting 1G/10G/40G/100G Ethernet connections. It can transport data for up to 10km at 1310nm, or up to 40km at 1550nm.

## • Features

- High quality CCTC ceramic ferrules
- Good repeatability and interchangeability
- Perfect solution for installs that require
- CE/CPR/ISO/ROHS  $\checkmark$
- 100% 3D tested/Temperature tested/Loss tested before delivery
- High and low temperature cycle test
- Stable data interchangeability
- Long mating cycles

## • Cable structure



- Technical Specifications

Item	Parameter
Fiber Cable Type	Simplex
Fiber Mode	G652D/G657A1/G657A2/G657B3
Fiber Grade	OS2:BIF Fiber
Connector A	FC
Connector B	FC
Polish Type	APC/UPC/PC
Cable Jacket	PVC/LSZH/OFNP
Jacket Color	Yellow
Outer Cable Diameter(mm)	0.9/2.0/3.0
Minimum Bending Radius	10D/20D(Static/Dynamic)

Optical Testing	Parameter
Insertion Loss(dB)	<0.25
Return Loss(dB)	≥55 (UPC) ; ≥65(APC)
Wavelength(nm)	1310/1550
Tensile Strength(N)	2.0mm:60(Long Term)/100(Short Term);3.0mm:180N(Long Term)/500N(Short Term)
Operating Temperature(°C)	-40~85
Storage Temperature(°C)	-20~70

- Tips:

Due to the COVID-19, sorry that you and our team couldn't visit face to face with each other. In order to make the customers know us more, please visit our VR factory, it is just like you were really standing in our factory.

OPTICO Fiber Assemblies Production Line VR :<https://www.linked-reality.com/company/15555/en>