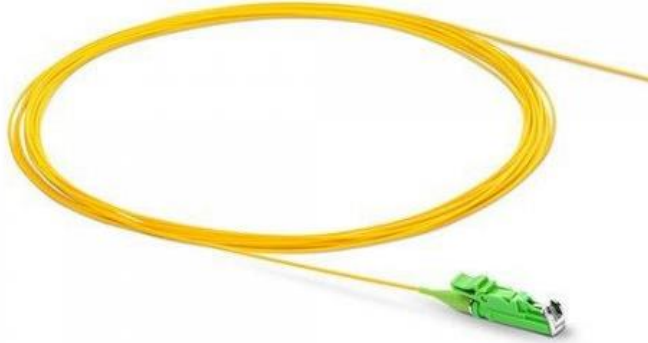


# Single-mode E2000 Fiber Pigtail Datasheet

Ideal for CATV, FTTH/FTTX, telecommunication networks, premise installations, data processing networks, LAN/WAN network, and more.



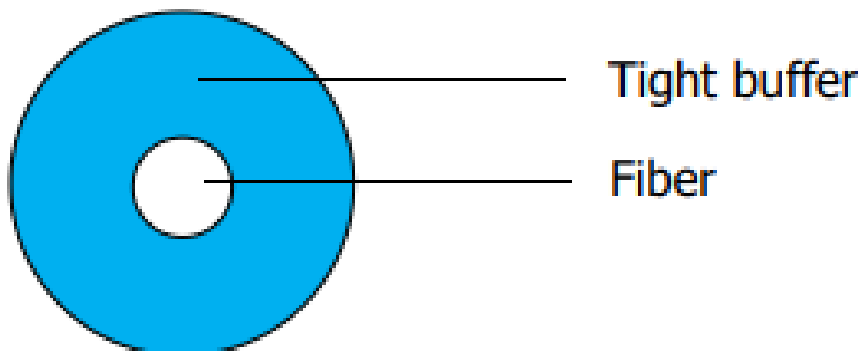
## • Description

OPTICO offers a full line of simplex or Bundle Fiber Pigtails. Fiber pigtail is an important component of fiber network. It is at the end of the SC/LC/ST/FC/E2000 / MTP/MPO/MTRJ optical fiber connector, the other end for termination by fusion or mechanical splicing fiber optic cable. A typical 900μm tight buffer layer is adopted by default for easy fusion. OPTICO's use of high quality raw materials, rigorous production processes and quality control has made it a trusted brand for 15 years.

## • Features

- Tested on optical performance insertion loss and return Loss.
- 0.9mm cable for high density splicing applications.
- Tight buffer for easy fusion or mechanical splicing
- LC, ST, SC, FC and LSH are available.
- UPC and APC polish type
- PVC jacket as default, OFNP and LSZH are optional.
- High reliability and stability
- High quality CCTC ceramic ferrules

## • Cable structure



- Technical Specifications

Item	Parameter
Fiber Count	Simplex
Fiber Mode	Singlemode:OS2
Connector Type	E2000(Metal)
Polish Type	APC
Jacket Color	Yellow/White
Jacket Ratings	LSZH
Outer Cable Diameter(mm)	0.9
Minimum Bending Radius	5D/10D(Static/Dynamic)

Optical Testing	Parameter
Insertion Loss(dB)	$\leq 0.25$
Return Loss(dB)	$\geq 55$
Wavelength(nm)	SMF: 1310/1550
Attenuation(dB/Km)	$\leq 0.36$ at 1310nm, $\leq 0.22$ at 1550nm
Operating Temperature( $^{\circ}\text{C}$ )	-40~85
Storage Temperature( $^{\circ}\text{C}$ )	-40~85

- Tips:

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>