

# Thermal Expanded Single Core Fiber



## Product Features

- Low Excess Loss
- Large Expanded Field
- More Tolerance for Alignment

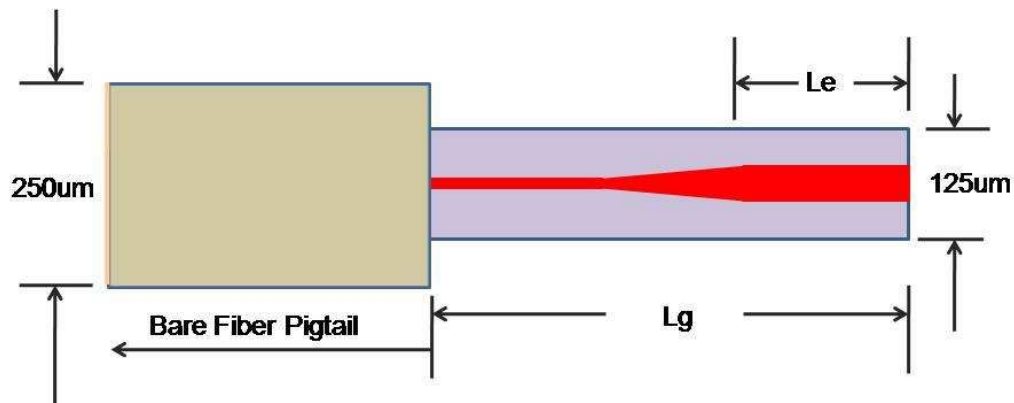
## Product Applications

- Low Loss Splicing Point For Different Fibers
- Stable Fiber Alignment
- High Power Connector Pigtails
- High Coupling Efficient to Laser

## Specifications

Parameter		Unit	
Excess Loss	Max.	dB	0.1
Excess Loss	Typ.	dB	0.04
Expanded Core Length (Le)	Min.	mm	2.0
Available Polishing Length	Min.	mm	0.5
Mode Filed Diameter Increase	Typ.	%	100
Glass Fiber Length (Lg)	Min.	mm	8

## The Structure for Thermal-Expanded Core Fiber



## Ordering Information

T	E	C	1					S	
1=Single Fiber	Mode Filed Increase 10=100% 20=200%	Glass Length, Lg 08=8mm 09=9mm 10=10mm ..... 20=20mm	Expand Length, Le 02=2.0mm 03=3.0mm 04=4.0mm ..... 10=10.0mm	Fiber Type 1=SMF-28e 2=HI1060 3=HI1060 FLEX 4=OFS980-20 5=OFS 980-16 6=HI780C 7=Panda1550 8=Panda980 9=Panda780	Pigtail S=250um bare fiber	Fiber Length 0=0.5m 1=0.75m 2=1.0m 3=1.5m S=Specify			