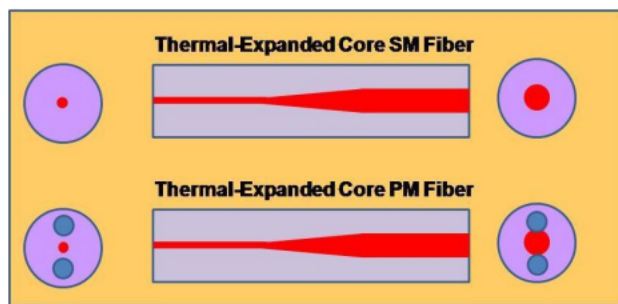


Thermal Expanded Single Core Fiber



Product Features

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

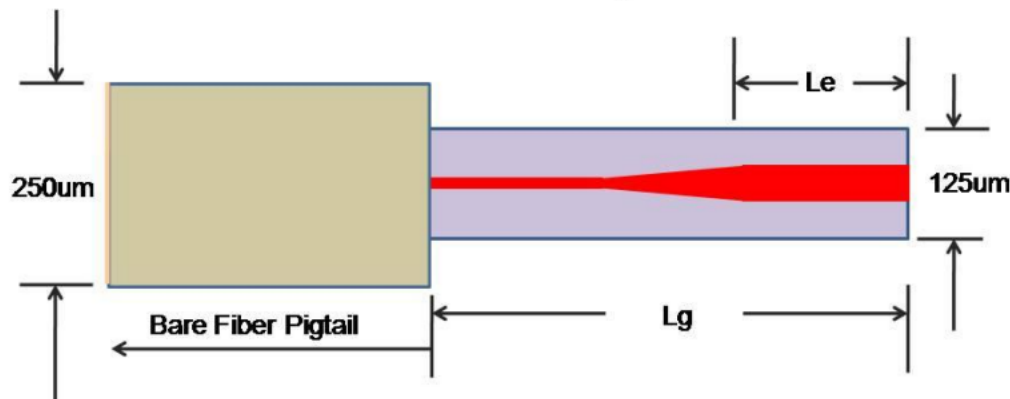
Product Applications

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

Specifications			
Parameter		Unit	
Excess Loss	Max.	dB	0.1
Excess Loss	Typ.	dB	0.04
Cladding diameter tolerance*	Max.	μm	5

* Cladding diameter tolerance compare with the original fiber.

The Structure for Thermal-Expanded Core Fiber



Glass length (L_g) should be at least 3mm longer than expand length (L_e).

Ordering Information

T	E	C								
Mode Field Increase 1=100% 2=200%	Glass Length, Lg 04=4mm 05=5mm 06=6mm 07=7mm 20=20mm	Expand Length, Le 02=2.0mm 03=3.0mm 04=4.0mm 10=10.0mm	Fiber Type 1=G652 or Equivalent 2=SM1060 3=SM1060 FLEX 4=980-20 5=980-16 6=SM780 7=Panda1550 8=Panda980 9=Panda780	Pigtail S=250µm bare fiber M=0.9mm Loose tube L=3mm Cable	Fiber Length 0=0.5m 1=0.75m 2=1.0m 3=1.5m S=Specify	Connector (TEC fiber) 0=None 1=FC/PC 2=FC/SPC 3=FC/APC 4=SC/SPC 5=SC/APC 6=ST 7=FC/UPC 8=SC/UPC 9=MU A=LC/PC B=SC/PC C=LC/UPC D=LC/APC E=FC Ferrule F=LC Ferrule G=FA	Connector (Normal fiber) 0=None 1=FC/PC 2=FC/SPC 3=FC/APC 4=SC/SPC 5=SC/APC 6=ST 7=FC/UPC 8=SC/UPC 9=MU A=LC/PC B=SC/PC C=LC/UPC D=LC/APC E=FC Ferrule F=LC Ferrule G=FA			

Note: All specifications are before connectors and are subject to change without notice.