

## Coreless Termination Fiber

FG125LA  
FG250LA  
FG400LA



### Description

These coreless silica termination fibers can be spliced to the ends of standard fiber to reduce back reflections or prevent damage to the fiber end face. A return loss of greater than 65 dB is achieved by splicing 0.25 m of coreless fiber to the desired component.

### Specifications

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Item #	FG125LA	FG250LA	FG400LA
Wavelength Range	400 - 2400 nm		
Return Loss	>65 dB with 0.25 m		
Glass Diameter	125 +1/-2 $\mu\text{m}$	250 $\pm$ 10 $\mu\text{m}$	400 $\pm$ 15 $\mu\text{m}$
Coating Diameter	250 $\mu\text{m} \pm$ 12.5 $\mu\text{m}$	400 $\pm$ 20 $\mu\text{m}$	550 $\pm$ 20 $\mu\text{m}$
Coating	Acrylate		
Glass Refractive Index	1.467287 @ 436 nm 1.458965 @ 589.3 nm 1.450703 @1020 nm 1.444 @1550 nm		
Operating Temperature	-40 to 85 °C		
Proof Test Level	>100 kpsi		
Recommended Stripping Tool	T06S13 or FTS4	T12S16	T18S25

