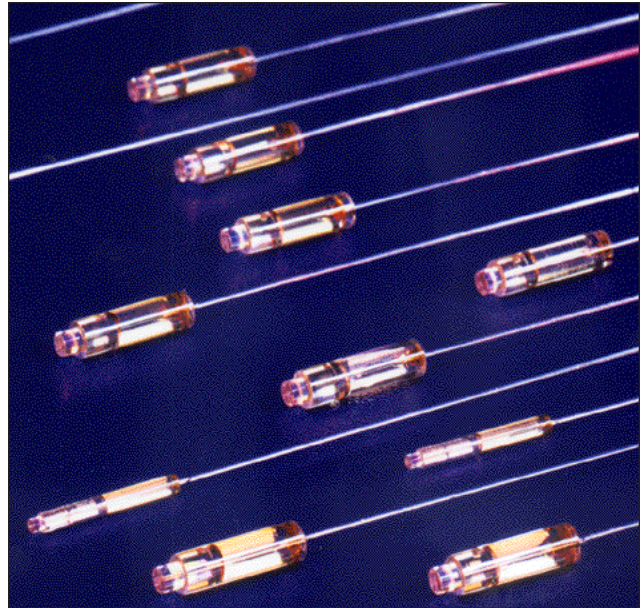


Single Fiber Collimators

Applications:

Optical Switches
Interleavers
Couplers
WDM



Features:

SELFOC Micro Lens
Long Working Distance

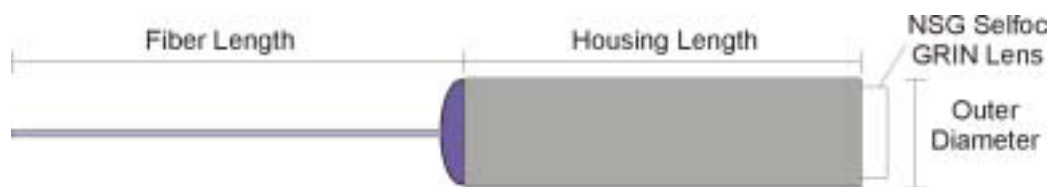
Low Insertion Loss
Epoxy Free Optical Path

Exceptionally Stable and Reliable
Telcordia GR-1221 UCO Compliant

Description:

Go!Foton's Fiber Collimators have one of the best coupling efficiencies in the industry. These collimators are the highest quality and achieve maximum efficiency by using SELFOC Gradient Index Micro-Lenses as an integral part of their design. Available for both short and long working distances, Go!Foton Collimators are Telcordia GR-1221 Compliant. Applications include optical switches, isolators, WDM modules, interleavers, circulators and couplers..

Illustration:

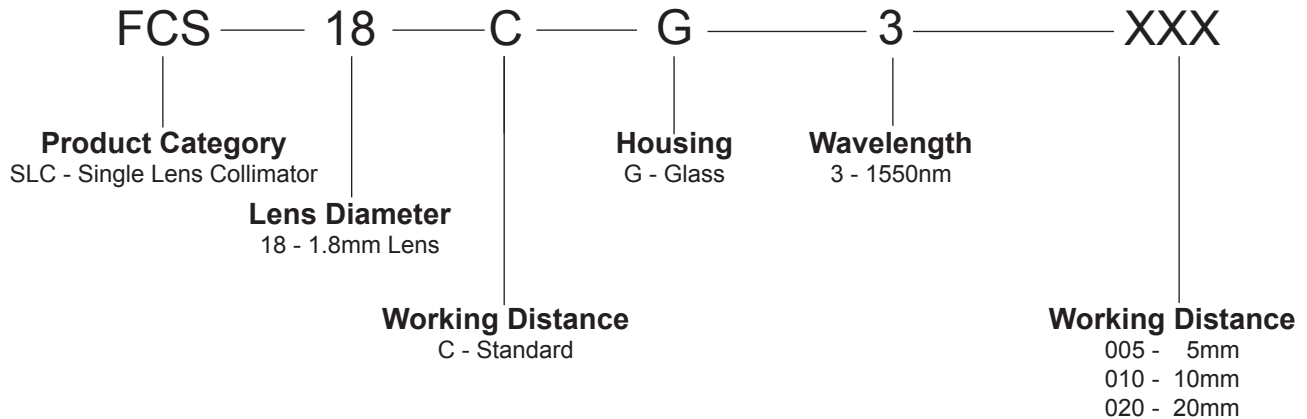


Specifications:

Category	Standard Type
Series	FCS18
Working distance (mm)	5,10,20
Insertion Loss (dB@25°C, 1550nm)	< 0.2
Return Loss (dB)	> 60
PDL (dB)	< 0.02
Operating Wavelength (nm)	1550 +/- 30
Operating Temperature (°C)	-20 to 60
Storage Temperature (°C)	-40 to 85
Fiber Type (µm)	SMF-28e
Fiber Length (m)	>1.5
Housing Material	Glass
Housing O/D (mm): Glass Tube	2.78
Housing Length (mm)	9.0

Other non-standard working distances are available.

Ordering Information:



Example: FCS-18-C-G-3-020

Single fiber collimator with 1.8mm lens, Standard working distance, glass housing, 1550nm wavelength and working distance of 20mm.