

# Sagitta Comet<sub>x</sub>-Bf



## Cometx-Bf

(for Bare Fiber cleaving & stripping)

Sagitta's CO2 laser cleaving machine enables cleaving of bare fibers with no need for consecutive polishing. The laser cleaved fiber can be assembled directly into the next assembly phase and by that saving time, increasing yield and making the entire assembly process much easier.

### Includes:

Tablet and 2 similar CARs

### Typical Comet<sub>x</sub>-Bf specifications

Cleave angle repeatability	±0.3 degrees for cleave angle <10°
Maximum fiber profile (FP. See diagram, pg 2)	not to exceed 10µm for 0° cleave
Fiber outside diameter (OD. See diagram, pg 2)	not to exceed 130µm (for 125 um fiber)
Single Sided Offset, (SSO. See diagram, pg 2)	not to exceed 1.0µm on at least one side
Fiber flare (Mushrooming)	<5µm for 125um fiber µm
Cleave height (Fiber protrusion) repeatability	±0.02 mm with height adjustment
Cleave height (Fiber protrusion) repeatability	±0.1 mm w/o height adjustment
Co-planarity (Fiber height between adjacent fibers)(See diagram, pg 2)	≤ 10µm across all fiber ends
Fiber strip length repeatability (See diagram, pg 2)	±0.2 mm
Cycle time	15-90 sec (including handling) Application dependent
Devices supported	Sagitta will customize adaptor for any device with total cleave length shorter than 4 mm
Laser Safety	Class I product (FDA, EC)
General Safety	UL, CE, FDA
Power	100-240V AC, 50-60 Hz
Operating Temp Range	10°C to 35°C
Dimensions	330mm (W) x 580mm (D) x 250 mm (H)

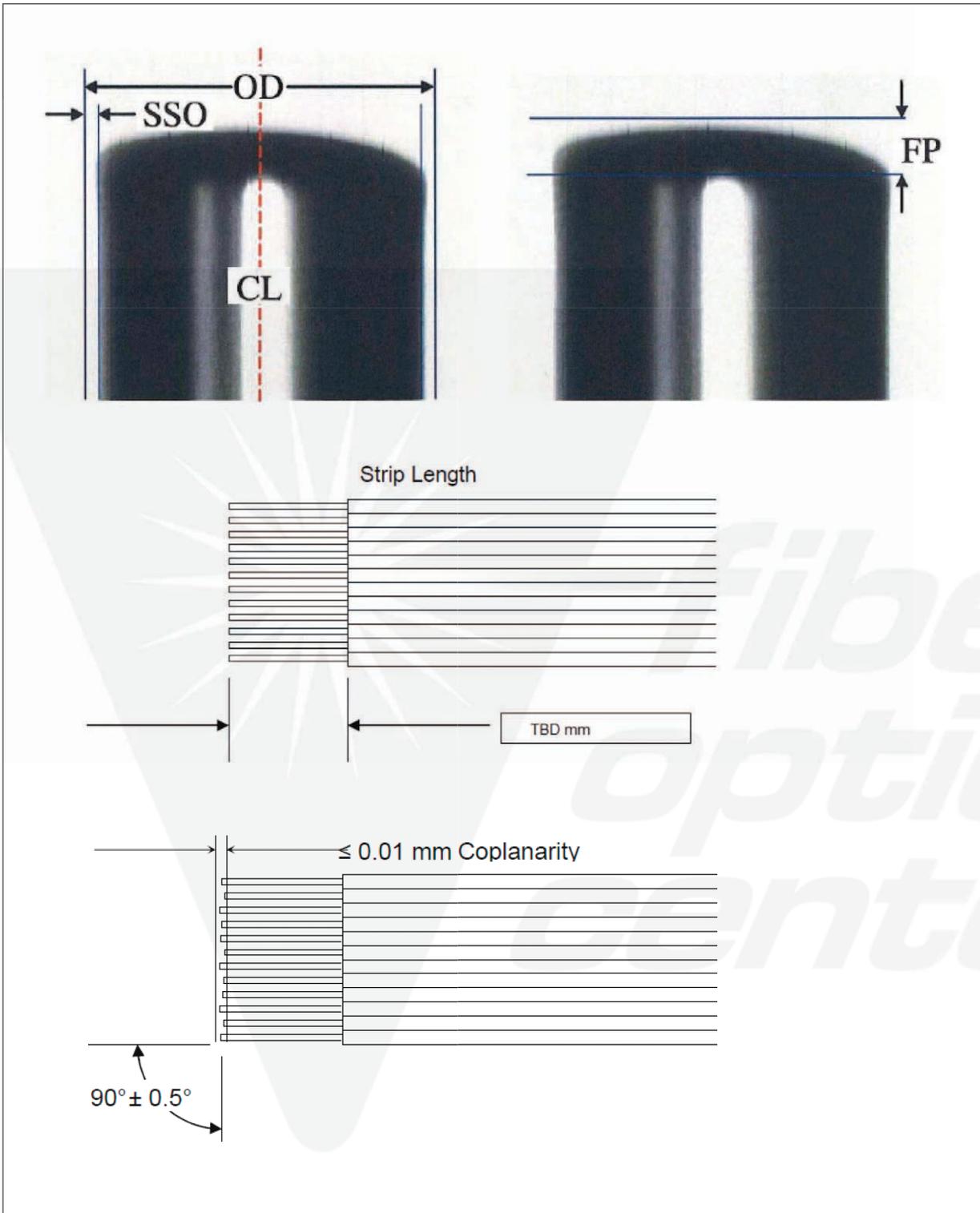
FOC Part # LCS-630-01M-A0

(revision 03/2016)

Available from: FIBER OPTIC CENTER

www.focenter.com // sales@focenter.com // (508) 992-6464 // (800) IS-FIBER

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