

EEG28 Series

Dual Gooseneck

Opposed angle illumination will always provide an illuminated field and reduced shadow obstruction

The dual arm "gooseneck" systems are extremely versatile systems which are compact, quiet and provides 40,000 ft. candles of illumination focused with the LH759 lenses at a 3 inch (7.6cm) working distance. The LED and 150 watt halogen systems are suitable for higher magnifications (120x plus). The very popular EEG 2823M self-supporting bifurcated light guide with a 0.28 inch (7mm) bundle diameter starts from the light source with a transition incline of 45 degrees, from which the gooseneck branches diverge at an angle designed to accommodate any stereomicroscope between them without interference to focusing or specimen manipulation. Each branch has a 0.20 inch (5mm) bundle diameter. This system provides the most obedient light output placement for critical illumination requirements at angles of incidence from near vertical to near horizontal. Slide-lock LH759 lenses can be rapidly adjusted, or removed for diffuse illumination.

In a laboratory environment, the dual arm gooseneck fiber optic assembly provides excellent ancillary usage as a light source for small animal microsurgery with a stereomicroscope, general specimen preparation, examination of cultures and tissue trim preparation for light and electron microscopy, while decreasing morphological changes induced by dehydration and heat.



EEG2823M

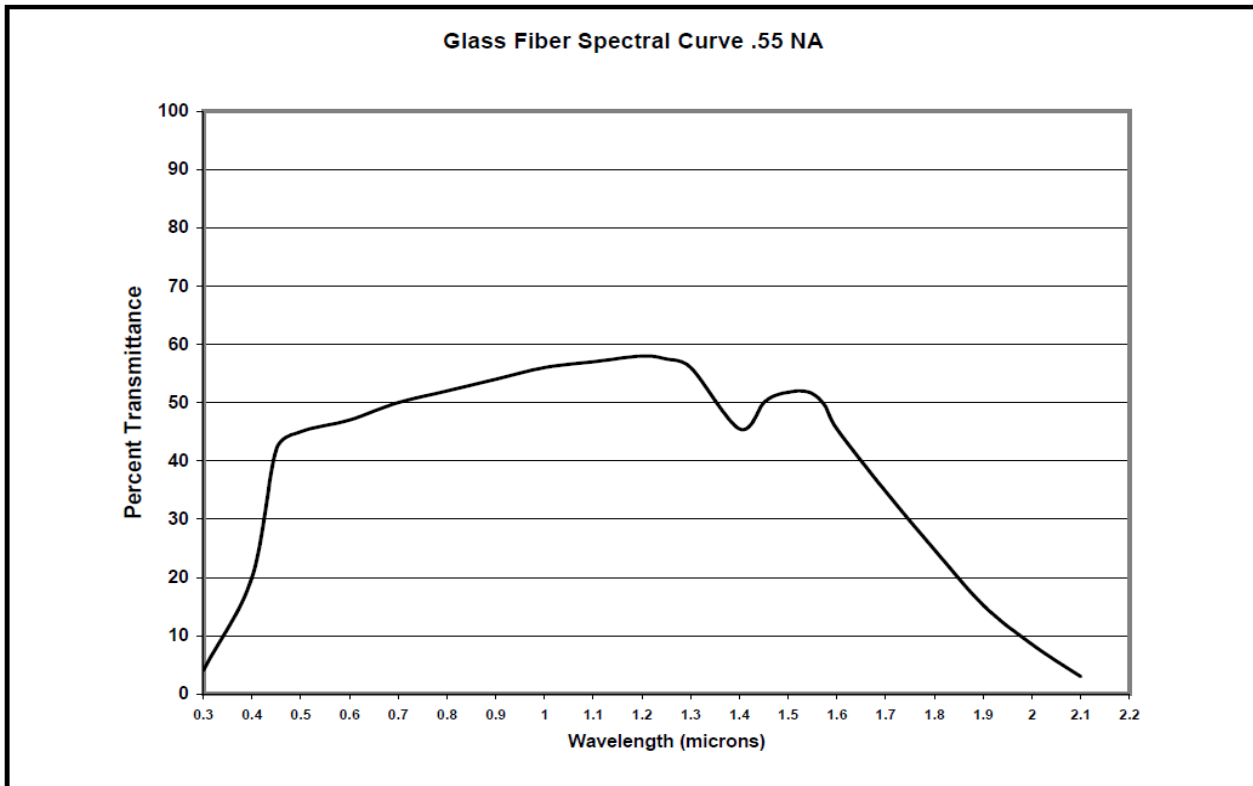


EEG2823

EEG28 Series - 0.280" Active Fiber Bundle, Dual-Gooseneck Light Guides - 0.500" Dia. End Ferrules (Accepts LH-759 Lens), Black Coated, Self-Supporting Gooseneck

| | Part # | (A) Length | (B) Input Diameter Ferrule | A-Nose 25mm Adapter | B-Nose 15mm Adapter |
|--|----------|----------------|----------------------------|---------------------|---------------------|
| | EEG2818 | 18" (456.9 mm) | 0.625" (15.9 mm) | SX-11 | Not Compatible |
| | EEG2818M | 18" (456.9 mm) | 0.588" (14.9 mm) | SX-13 | Direct Fit |
| | EEG2823 | 23" (584.2 mm) | 0.625" (15.9 mm) | SX-11 | Not Compatible |
| | EEG2823M | 23" (584.2 mm) | 0.588" (14.9 mm) | SX-13 | Direct Fit |
| | EEG2830M | 30" (762 mm) | 0.588" (14.9 mm) | SX-13 | Direct Fit |

| PRODUCT SPECIFICATIONS | |
|-----------------------------|---------------------------------|
| Fiber Material | Borosilicate Glass |
| Numerical Aperture | 0.55 nominal |
| Acceptance (cone) Angle | 68 degrees nominal |
| Fiber Bundle Diameter | 0.280" |
| Temperature Rating | 225°F |
| Packing Fraction | 82% nominal |
| Sheathing Material | Gooseneck, steel, painted black |
| Bend Radius | 3.0" |
| Output End Ferrule Material | 303 Stainless Steel |
| Input End Ferrule Material | T6 Aluminum |
| Transition Material | Anodized Aluminum |
| RoHS | Non Applicable |
| Optional Accessories | LH-759 Lens |
| Warranty | 12 Months |



NOTE: Spectrum shown is for the fiber optic only, and is not representative of output spectrum when paired with a light source and lensing.