

EEG37 Series

Combination Dual Gooseneck

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

This heavy duty dual arm "gooseneck" system is an extremely versatile system which is compact, quiet and provides up to 50,000 ft. candles of illumination focused with the adjustable LH-755 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 EEG37 series combination bifurcated light guide with a large 0.354 inch (9 mm) bundle diameter starts from the light source with a flexible stainless steel sheathing, then connects to a mountable anodized aluminum transition from which the gooseneck branches extend and can be positioned at an angle designed to accommodate any stereomicroscope between them without interference to focusing or specimen manipulation. Each branch has a 0.250 inch (6.3mm) bundle diameter. This system provides the most versatile light output placement for critical illumination requirements at angles of incidence from near vertical to near horizontal, while allowing for a convenient placement option for the illuminator. Threaded LH-755 lenses can be rapidly adjusted, or removed for diffuse illumination. The optional telescoping MS-7 stand can be used for support of the EEG37 dual arm gooseneck assemblies.

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.



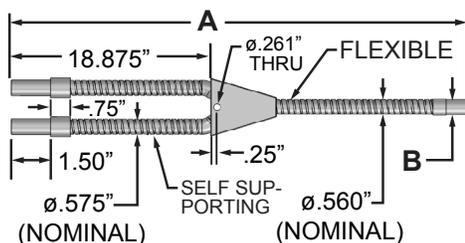
EEG3736



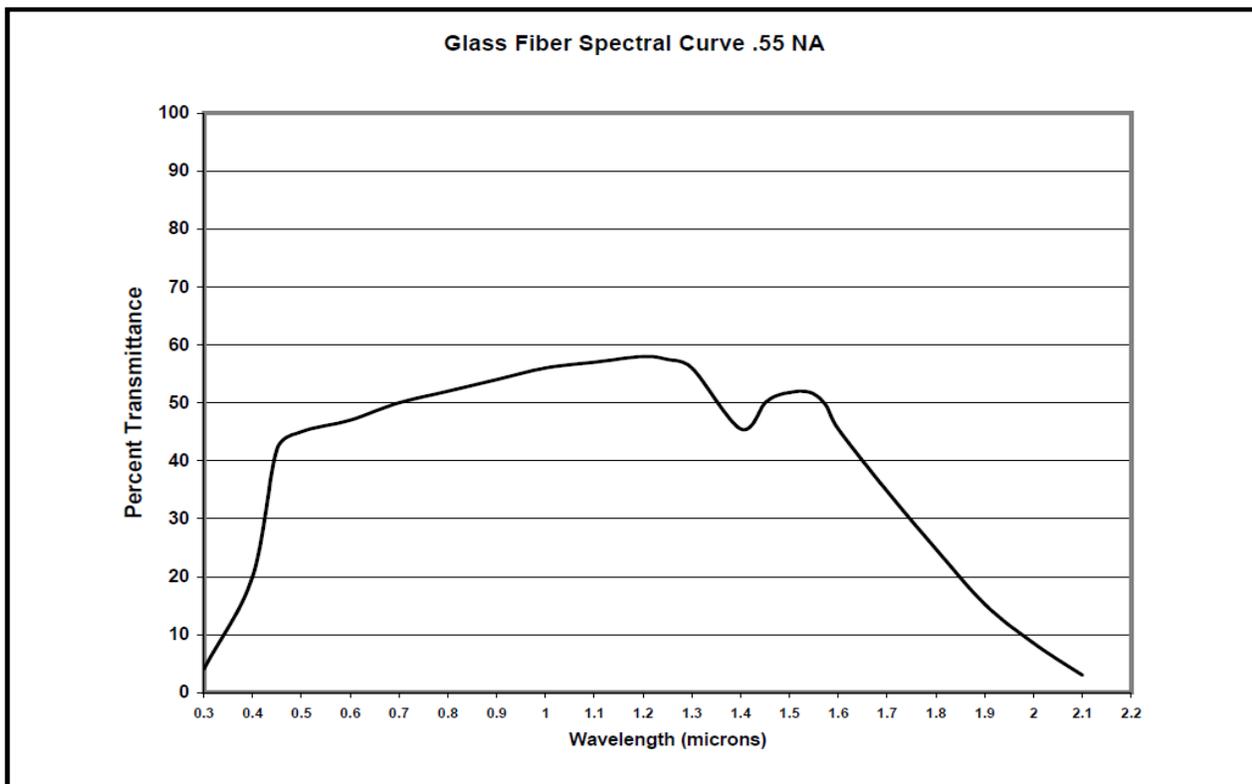
Systems Shown:
 EEG3736 Fiber Optic
 MI-LED-US-A2
 MS-8 Stand
 SX-7 Adapter

EEG37 Series - 0.354 Active Fiber Bundle, Dual-Gooseneck Light Guides - 1/2-20 Threaded End Ferrule (Accepts LH-755 Lens), Flexible Stainless Steel Sheathing (Common Section)

Part #	(A) Length	(B) Input Diameter Ferrule	A-Nose 25mm Adapter	B-Nose 15mm Adapter
EEG3736	36" (914.40 mm)	0.436" (11.07 mm)	SX-7	Not Compatible
EEG3736M	36" (914.40 mm)	0.588" (14.9 mm)	SX-13	Direct Fit
EEG3748	48" (1218 mm)	0.436" (11.07 mm)	SX-7	Not Compatible
EEG3748M	48" (1218 mm)	0.588" (14.9 mm)	SX-13	Direct Fit
EEG3760	60" (1523 mm)	0.436" (11.07 mm)	SX-7	Not Compatible
EEG3760M	60" (1523 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	0.354"
Temperature Rating	225°F
Packing Fraction	82% nominal
Sheathing Material	Gooseneck (steel, painted black) Stainless Steel
Bend Radius	3.0"
Output End Ferrule Material	303 Stainless Steel
Input End Ferrule Material	303 Stainless Steel
Transition Material	Anodized Aluminum
RoHS	Non Applicable
Accessories (Optional)	Lens: LH-755, 1/2-20 Thread
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.