

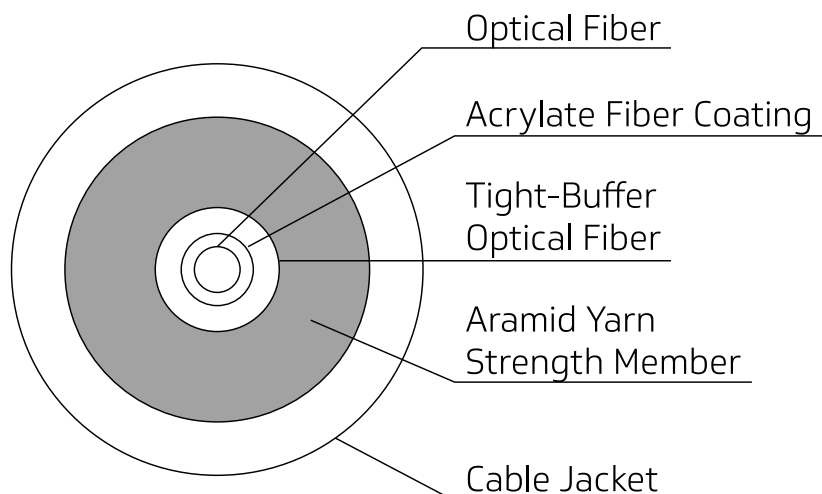
# A-SERIES MICRO ASSEMBLY

Produktblad  
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## LASER ULTRA-FOX™ FIBER PERFORMANCE

Fiber Code	SLX
Industry Standard Designation	Low water peak Single mode ITU-T G.652.D
Core/Cladding Diameter (µm)	9/125
Wavelength (nm)	1310/1550
Maximum Cabled Attenuation (dB/km)	0,5/0,5
Primary Coating Diameter (µm)	245
Secondary Buffer Diameter (µm)	900
Zero Dispersion Slope (ps/nm <sup>2</sup> -km)	0,092
Proof Test Level (kpsi)	100

## INSTALLATION & OPERATING CHARACTERISTICS

	Installation	Operating
Max Tensile Load	300 N (67 lbs)	160 N (36 lbs)
Min Bend Radius	3,8 cm (1,5 in)	2,5 cm (1,0 in)

## MECHANICAL & ENVIRONMENTAL

Impact Resistance EIA/TIA-455-25A	200 impacts
Crush Resistance TIA/EIA-455-41A	500 N/cm
Flex Resistance	1000 cycles
Operating Temperature	-40°C to +85°C
Storage Temperature	-40°C to +85°C
Installation Temperature (actual temp. of cable)	0°C to +60°C

## CABLE CHARACTERISTICS

Jacket Color	Black
Jacket Material	Low Smoke Zero Halogen
Buffer Material	Hard Elastomeric
Cable Weight	5kg/km (3 lbs/1000')
Cable Diameter	2,0 mm (0,08 in)

## FOR MORE INFORMATION

Check out [www.micropol.com](http://www.micropol.com) or contact us at +46 (0)35 260 72 18.



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## STANDARDS

Optical Cable Corporation tight-buffered fiber optic Assembly Cables meet the functional requirements of the following standards:

- IEC 60332-3-24
- IEC 61034-2
- IEC 60754-2
- GR-409-CORE
- ICEA-S-83-596
- TIA-568
- TIA-598



## APPLICATIONS

- Resilient and flexible for jumpers and patch cords
- Suitable for general purpose indoor use, such as routing connections in patching systems
- Short "patch cord" cables ideal for links between electronic equipment and main fiber optic cables

## FEATURES

- Compatible with all standard fiber optic connectors designed for small form-factor simplex and duplex connectors such as MT-RJ and LC connectors
- High performance tight-buffered coating on each optical fiber for environmental and mechanical protection
- Custom jacket colors are available to match connectors; private labeling on the cable outer jacket is also available
- 1 (simplex) and 2 (duplex) fibers available  
Micro-Assembly cables available in 2.0 or 1.6mm diameters
- Available with bend-tolerant single-mode and multimode fibers
- Zero-halogen cables (Z jacket) meet the requirements of IEC 60754-2

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