



Jiangsu TX Plastic Optical Fibers Co.,Ltd



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Specifications

for Side Glow Optic Fiber

TX-SFL-3000

Lighting and Decoration

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Product Structure:

TX-SFL-3000

<p>Product Data:</p> <p>1. Fiber core material PMMA Polymer</p> <p>2. Cladding material Transparent PTFE</p> <p>3. Minimum bending radius 6 x diameter</p> <p>4. Wavelength range 400~700nm</p> <p>5. Interior Refractive Index 1.475</p> <p>6. Exterior Refractive Index 1.375</p>	
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Product Parameters:

Item		Unit	Index
Structural Parameters	Outside Diameter	mm	3±0.3mm
	Cladding non-circularity	%	≤6
	Numerical Apertures	/	0.65
	Length	m/roll	100
Optical Properties	Attenuation @650nm	dB/km	≤700
Mechanical Properties	Repeated bending (200times)	dB	Loss added ≤2
	Tensile strength	N	70
	Twisting (5times)	dB	Loss added ≤2
	Impacting (0.4N/meter)	dB	Loss added ≤2

All test are carried our under temperature of 25°C unless otherwise specified.

Storage temperature: -30°C~ +60°C

Operation temperature: -30°C~ +60°C