

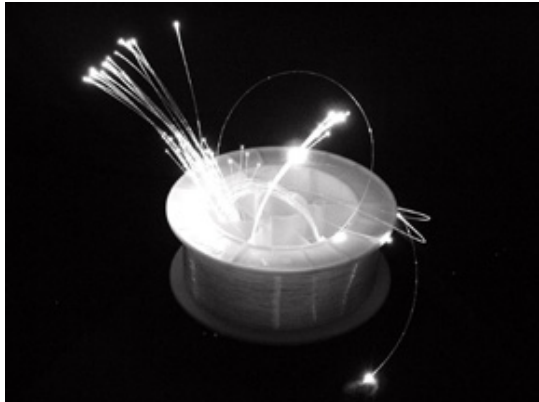
PMMA ESKA® ACRYLIC FIBER

Project:

Type:

Catalog Number: **ESK**

System Component: **Optical Fiber**



- ◆ **Star Field Ceilings**
- ◆ **Shooting Stars**
- ◆ **Animation**
- ◆ **Signage**
- ◆ **Special Effects**
- ◆ **Curtains**

DESCRIPTION: Individual unjacketed ESKA acrylic fibers for endpoint applications are available by the spool **ONLY**. This low attenuation PMMA fiber is available in six different sizes.



SPECIFICATIONS:

Transmission Loss (attenuation)	0.5%/Foot
Bend Radius (minimum)	4 Times Fiber Diameter
Temperature Stability	-55° C to 70° C
Spectral Transmission Range	400-680nm at Specified Attenuation
Acceptance Angle	61°
Refractive Index	Core: 1.492 Cladding: 1.402
Numerical Aperture	0.51



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DCN# 650100 Rev. 1

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Dimensions: (ALL DIMENSIONS ARE NOMINAL)

Model Number	Unit Sold By	Outer Diameter	
		in	mm
ESK-020	Spool 19,686 feet (6000M)	.02	.51
ESK-030	Spool 9,843 feet (3000M)	.03	.76
ESK-040	Spool 4,921 feet (1500M)	.04	1.0
ESK-060	Spool 2,297 feet (700M)	.06	1.5
ESK-080	Spool 820 feet (250M)	.08	2.0
ESK-120	Spool 492 feet (150M)	.12	3.0

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