

ESKA™ Plastic Fiber Optic & Cable General Technical Information

Manufactured by Mitsubishi Rayon Co., Ltd.

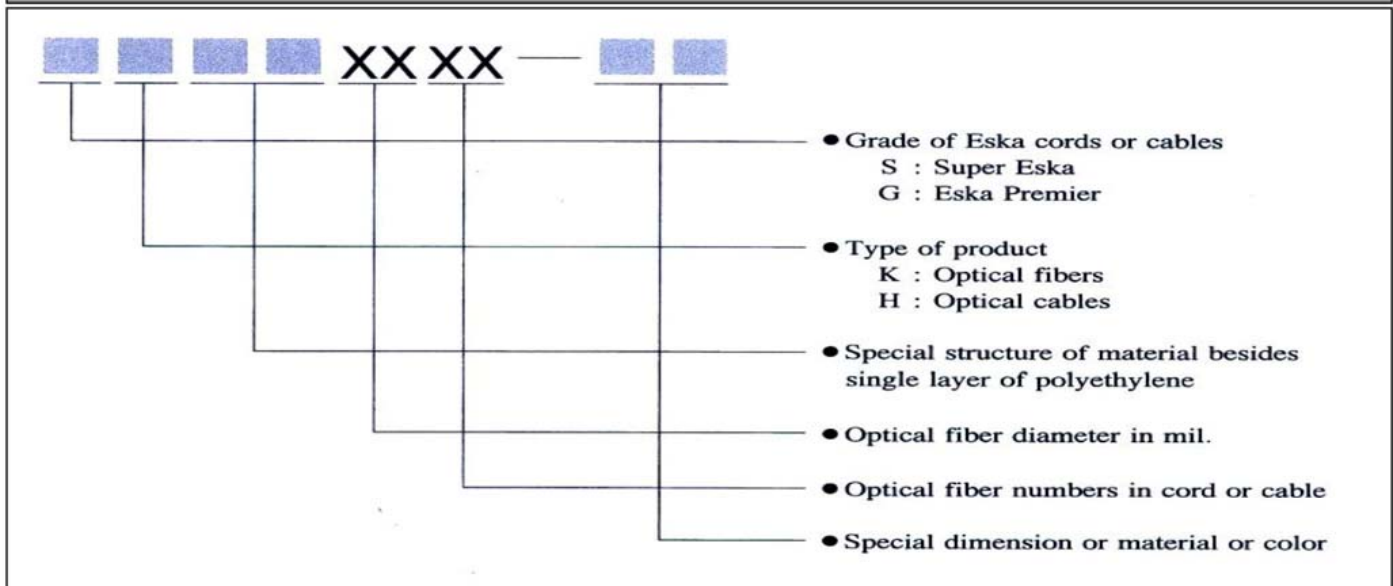
Marketed and sold by Mitsubishi International PolymerTrade Corporation

Product Line-up

Application	Lighting	Sensing	Industrial Data Com	High Bandwidth	Heat Resistance
Grade	ESKA™	SUPER ESKA™	ESKA PREMIER™	ESKA MEGA™	ESKA™ for high temperatures
Fiber Code	CK	SK	GK	Not available	Not available
Cable Code	Not available	SH	GH	MH	BH
Refractive Index	1.49	1.49	1.49	1.49	1.49
Numerical Aperture	0.5	0.5	0.5	0.3	0.58
Temperature Range	-55°C ~ 70°C	-55°C ~ 70°C	-55°C ~ 85°C	-55°C ~ 85°C	-55°C ~ 105°C
Sample Item	CK40	SK40	GK40	MH4001	BH4001
Attenuation ¹	<0.20dB/m	0.15dB/m	<0.15dB/m	<0.16dB/m	<0.20dB/m

¹ Attenuation is measured at 650nm collimated light. Note that attenuation and some other specifications described here will change based on the diameter of the fiber and the material used for the cable jacket

Product Code Designations



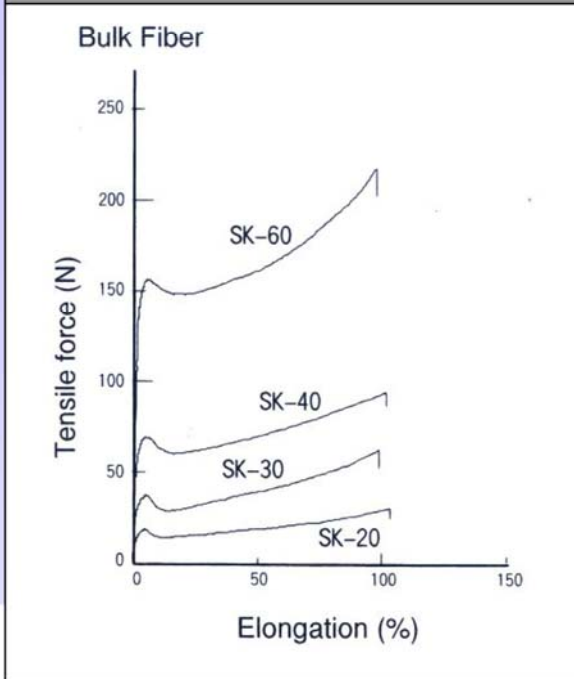
The information contained herein is presented as a guide to product selection. It is subject to change without notice, and should not be regarded as a representation, warranty or guarantee with regard to the quality, characteristics or use of this product

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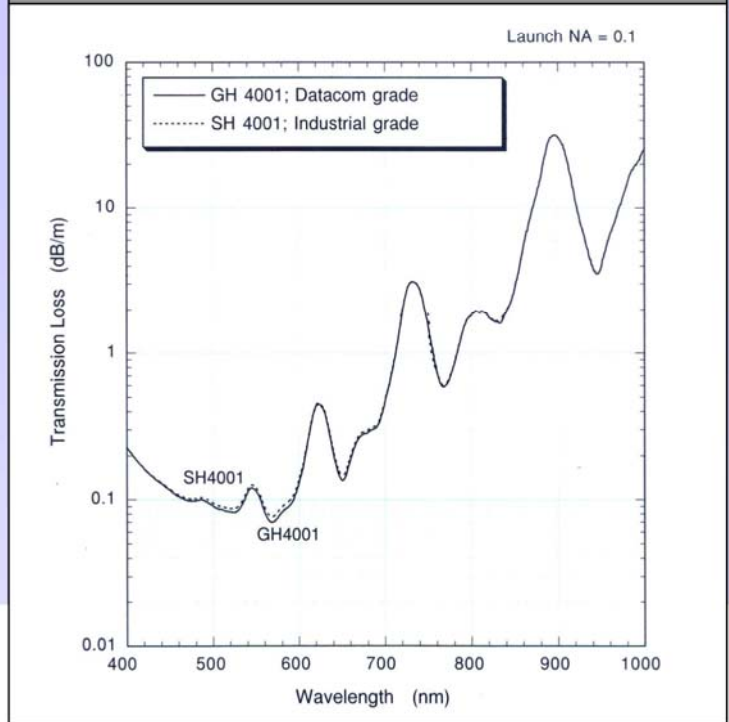
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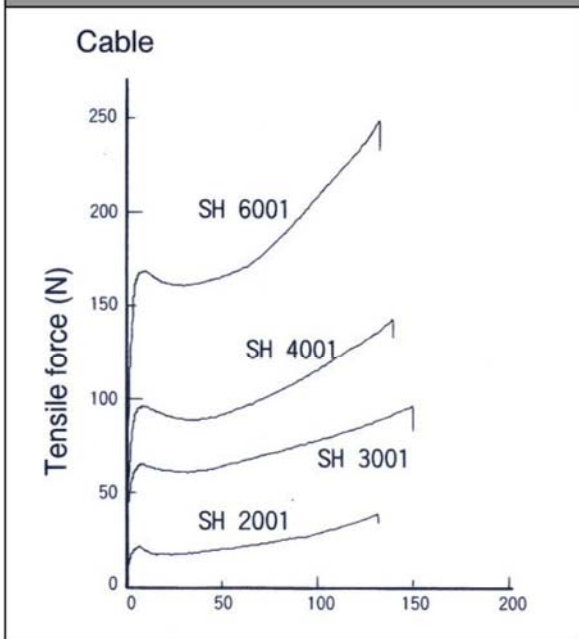
Tensile Characteristics: Bulk Fiber



Typical Transmission Loss Spectrum Launch NA=0.1



Tensile Characteristics: Cable



Bending Loss

