ESKA™ Plastic Optical Fiber & Cable General Technical Information

Manufactured by Mitsubishi Chemical Corporation

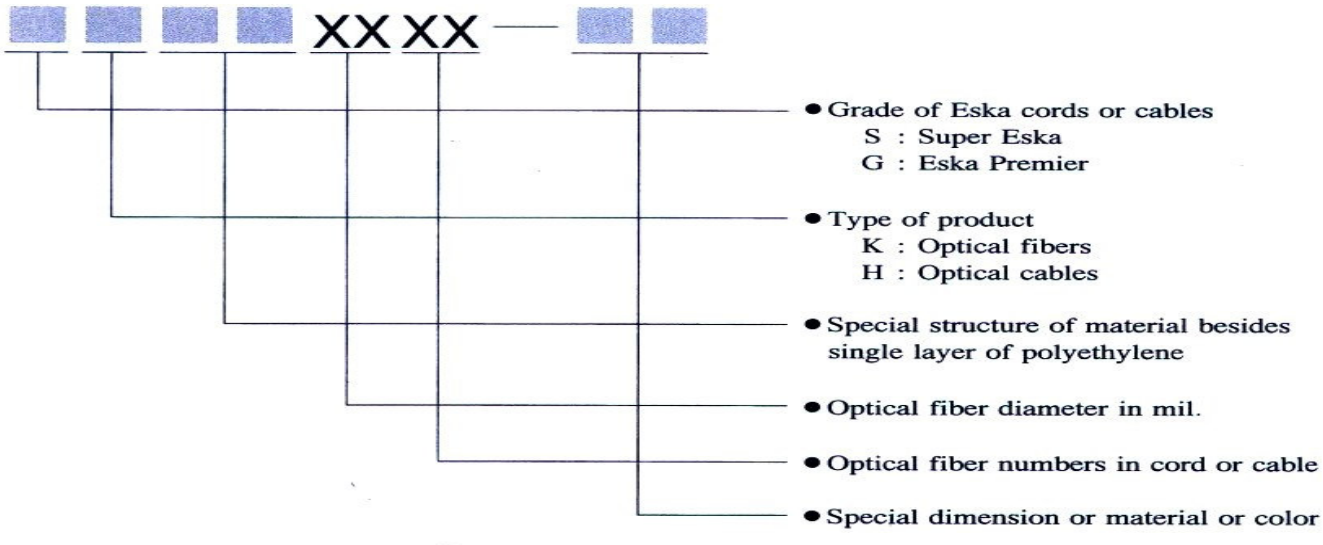
Marketed and sold by Mitsubishi International PolymerTrade Corporation

Product Line-up

Application	Lighting	Sensing	Industrial Data Com	High Bandwidth	Heat Resistance	Tight Bending	Home Network
Grade	ESKA™	SUPER ESKA™	ESKA PREMIER™	ESKA MEGA™	ESKA™ for high temperatures	ESKA™ bend	ESKA™ Optohome
Fiber Code	CK	SK	GK	N/A	N/A	N/A	N/A
Cable Code	N/A	SH	GH	MH	BH	LH	RH
Refractive Index	1.49	1.49	1.49	1.49	1.49	1.49	1.49
Numerical Aperture	0.5	0.5	0.5	0.3	0.58	0.5	0.5
Temperature Range	-55°C ~ 70°C	-55°C ~ 70°C	-55°C ~ 85°C	-55°C ~ 85°C	-55°C ~105°C	-40°C ~ 70°C	-55°C ~ 70°C
Sample Item	CK40	SK40	GK40	MH4001	BH4001	LH4001	RHEE 4002-WH
Attenuation	<0.20dB/m	<0.19dB/m	<0.17dB/m	<0.16dB/m	<0.20dB/m	<0.45dB/m	<0.19dB/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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2 Penn Plaza East, 11th Floor, Newark, NJ 07105

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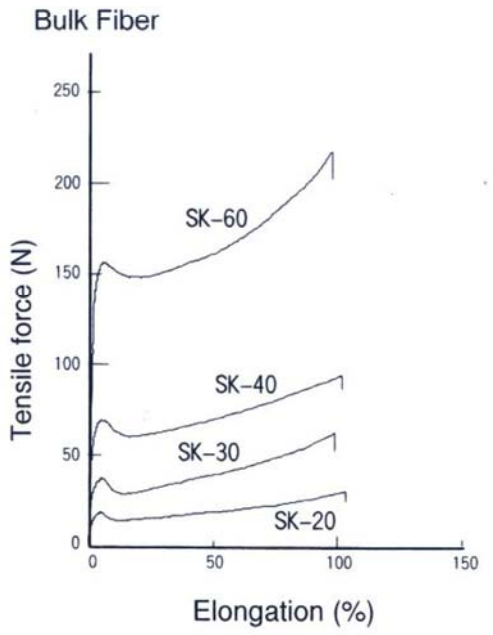
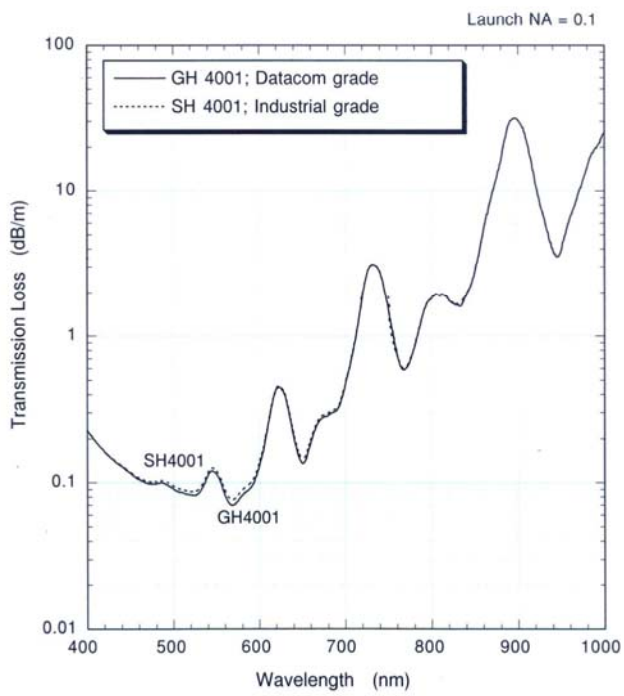
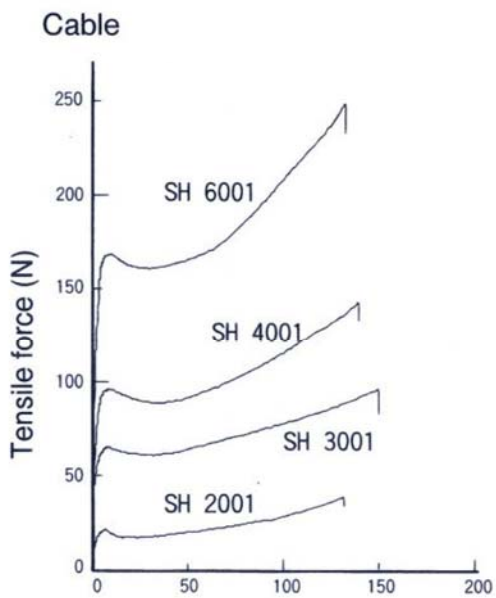
Tensile Characteristics: Bulk Fiber



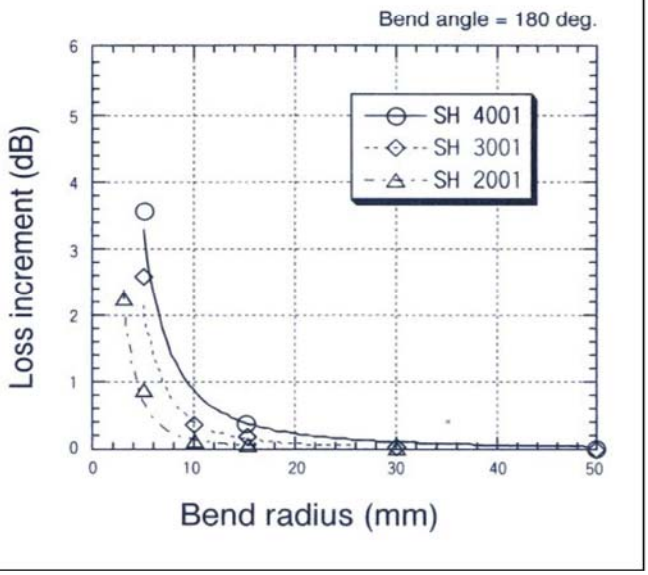
Typical Transmission Loss Spectrum Launch NA=0.1



Tensile Characteristics: Cable



Bending Loss



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