

# ESKA™ Plastic Fiber Optic & Cable Wiring

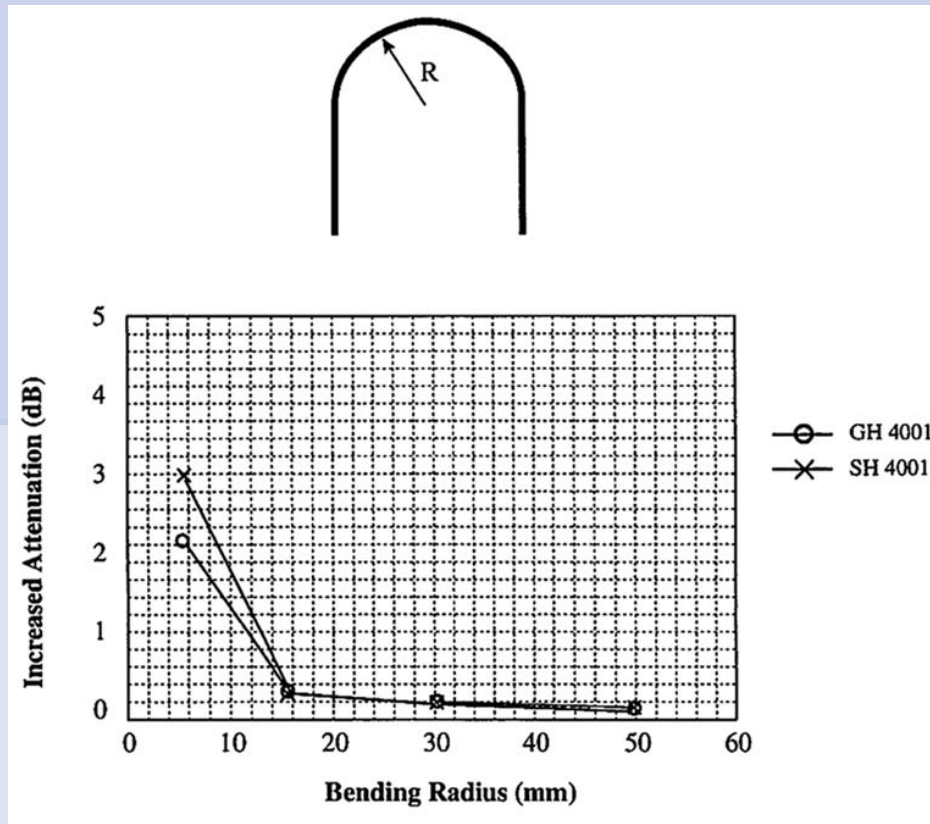
Manufactured by Mitsubishi Rayon Co., Ltd.

Marketed and sold by Mitsubishi International PolymerTrade Corporation

## Wiring

### Bending Radius (Static)

The static bending radius of POF cable should be ten times larger than the cable diameter. If it becomes less than ten times the cable diameter, attenuation increases as shown in the figure below. Taking temperature and humidity into consideration, it is recommended that, in general, a larger bend radius of twenty times the cable diameter be used.



### Attenuation Increments by Static Bending

**Test conditions:**

Cable sample	2.2 mm cable diameter
Bending sample	180°
Wavelength	660 nm

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.