

# ESKA™ Plastic Fiber Optic & Cable Wiring

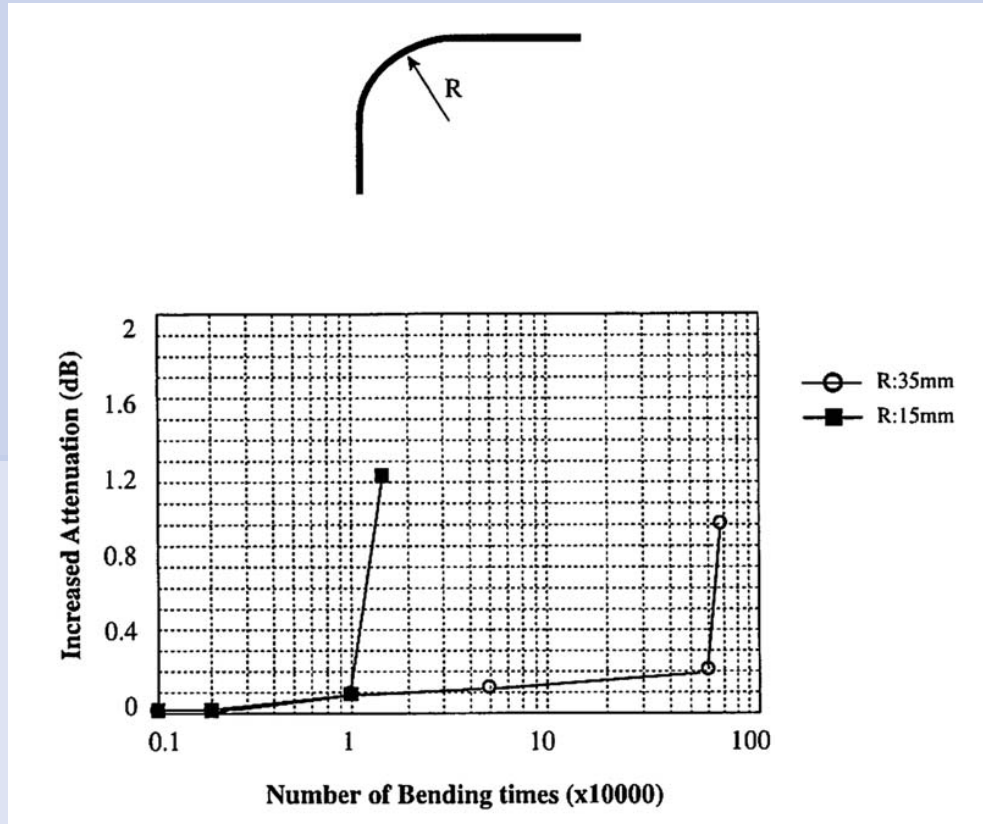
Manufactured by Mitsubishi Rayon Co., Ltd.

Marketed and sold by Mitsubishi International PolymerTrade Corporation

## Wiring

### Bending Radius (Dynamic)

The advantages of flexibility and mechanical strength of POF over glass optical fiber permits its use in applications with movement or vibration. In such circumstances, the dynamic bending radius of POF should be twenty times larger than the cable diameter which is five to ten times larger than that at static radius condition.



### Effect of Bending Radius on Repeated Bending

#### Test conditions:

Sample:	Eska GH4001 (Cable diameter 2.2 mm)
Sample length:	4m
Load:	500g
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.