

### Specifications

**Core:** Multi-Strand 0.75mm PMMA Fiber  
**Outer Jacket:** Treated PVC tube  
**Outside Diameter (O.D.):** 3/8", 1/2" and 5/8"  
**Spool Length:** 100 ft and 200ft  
**Bend Radius:** Minimum 6 x fiber diameter  
**Acceptance Angle:** 50°  
**Numeric Aperture:** 0.60  
**Attenuation:** Less than 1.6% per foot  
**Operating Temperature Range:**  
 Minimum 5°F (-15°C)  
 Maximum 248°F (120°C)



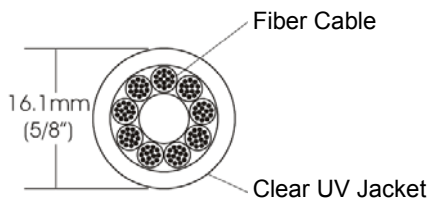
**MS042**



**MS084**



**MS126**



Side Light optical cable is a multi-strand fiber which can transmit light over reasonably long distances. Light is transmitted over the entire length of the cable without electricity or heat. The light source is an illuminator which is placed at one, or both ends of the fiber.

Color wheels made of dichroic glass can be added to the illuminator to change the color of the fiber to as many as eight colors. LED illuminators can also provide a single color or RGB for multiple color changes. A PVC outer tube is treated with fungicides and UV inhibitors for weather resistance.

The optic cable is energy efficient, flexible, and requires virtually no maintenance. It is available in 3/8", 1/2" and 5/8" diameters. Spool lengths are 100 and 200 continuous feet of fiber. In certain diameters, longer lengths of 500 feet are available upon special request.

### Applications

- Glass Block
- Cove Lighting
- Highlight Architectural Features
- Exterior Signage
- Pools and Spas
- Step Lighting
- Landscape Lighting