

# MINAR ILLUMINATION

6MM

12MM

18MM

**PMMA** 

Clear UV Jacket

# STRANDED SIDE GLOW MULTI-STRING FIBER CABLE

FIBER OPTIC LIGHT

### **Specifications:**

MSOF-1\*14-1.0/SK

MSOF-3\*14-1.0/SK

MSOF-7\*14-1.0/SK

Core: Multi-Strand 1.0mm PMMA Fiber Outer Jacket: Treated PVC tube Outside Diameter (O.D.): 6mm, 12mm, and 18m Spool Length: 100m Bend Radius: Minimum 6 x fiber diameter Acceptance Angle: 50° Numeric Aperture: 0.60 Attenuation: Less then 0.15dB/M Operating Temperature Range: Minimum: -15°C Maximum: 70°C





Stranded side glow fiber optic light cable is a multistring 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 engine is an illuminator which is placed at one or both ends of the fiber cable.

Color wheels made of dichroic glass can be added to the illuminator to change the color of the fiber to as many as six colors. LED illuminators can also provide a single color or RGBW for multiple color changes.

A PVC outer sheath is treated with fungicides and UV inhibitors for weather resistance.

The fiber cable is energy efficient, flexible, and requires virtually no maintenance. It is available in 6mm, 12mm and 18mm diameters. Spool lengths are 100 continuous meter.

#### Applications

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

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