

STRANDED SIDE LIGHT FIBER OPTIC CABLE



Technical Data:

Core Material: transparent polymethyl methacrylate Resin (PMMA)

Outer Jacket: PVC with UV inhibitors

Color: Clear

Outside Diameter (O.D.): 3/8" (10mm), 1/2" (13mm), 5/8" (16mm)

Spool Length: 100ft., 200ft., 500ft.

Bend Radius: min 6 x fiber diameter

Core Refractive Index: 1.49

Acceptance Angle: 50°

Numeric Aperture: 0.60

Attenuation: less than 1.6% per foot (<.020dB/m)

Operating Temperature Range: Min. -40°C, Max. +120°C

Cutting Methods: Sharp shears, Hot knife.

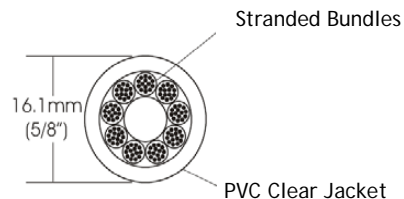
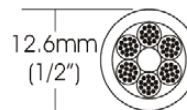
Chemical Resistance: attacked by organic solvents (e.g. acetone, thinners, ethyl acetate, gasoline, benzene, and toluene).

Applications:

- Façade outlines
- Pool and spa perimeters
- Steps
- Glass Block Lighting
- Backlighting Glass/Plexiglass
- Underwater Features
- Cove and Soffit

Benefits:

- Light Source is Remote
- No Electricity
- No Heat or UV
- Flexible
- Virtually Maintenance Free
- Weather Resistant
- Low Light Loss



Ordering Information:

Stock No.	Fiber Diameter	Fiber Strands
SB042	3/8" (9mm)	42
SB084	1/2" (13mm)	84
SB126	5/8" (16mm)	126

Vivid Light Design

1322 W. Collins Ave., Orange, CA 92867 • E-mail: info@vividlightdesign.com • www.vividlightdesign.com

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