



Side Emitting Fiber Optic

The New Alternative to LED Ribbon

- Jagoteq Side Emitting Fiber is custom engineered for safety, color clarity and longevity to be specifically used with the Jagoteq 120 and Jagoteq10 series of RGB Laser Emitters
- Jagoteq SE Fiber has endless possibilities in lighting not achievable with traditional LED.
- Utilizing high power laser technology you are able to illuminate Jagoteq SE Fiber up to 25% brighter than industry standard RGBW LEDs.
- Jagoteq Fiber optic can be illuminated a full 13 meters with 1 emitter and termination cap and 30 meters with 2 emitters. Fiber and can be cut to any length with a simple box cutter. No soldering required saving production time and money.
- Jagoteq SE Fiber transmits light a full 360° offering a unique opportunity to use the material not just as a lighting device but as an artistic interactive sculptural element.
- Heat is not an issue since Jagoteq SE Fiber does not generate any heat and there is no electrical current running through the fiber, safely use in wet conditions including being fully submersed.
- Use the fiber multiple times and when ready it is 100% recyclable.
- Transfer fibers are fully jacketed fibers connected to the emitter and can be drawn up to 32 meters with no visible light loss. The Side Emitting Fiber is then joined at the far end of the Transfer Fiber on set.

Jagoteq SE Fiber Optic Cable

Custom Engineered Optically Clear Fiber
360° Transmitted Pattern of Light
1mm, 6mm, 8mm and 12mm diameters
10-500 meter lengths
100% Recyclable
Flexible
Connectors: T, Y and Straight

Technical Specs Ø 6mm,8mm and 12mm

Side Emitting Fiber Cable:
Core Material: Polymetyl-Methacrylate Resin
Fiber: (Ømm) 6, 8 and 12
Spool Length: 100 meters
Weight: 6mm 65g/m, 8mm 95g/m, 12mm 160g/m
Connector: SMA-905 / Jago Safety Adapter
Optical Performance:
Storage Temp: -5C to +60C
Operating Temp: -5C to +60C
Bend Radius: 6mm - 70mm,8mm - 90mm,
12mm-150mm

Applications:

TV/Film
Live Entertainment
Architectural
Wet Applications
Neon Replacement
Interior/Exterior
Wearables
SFX

Side Emitting Fiber Wire:

Core Material: Silica
Fiber: (Ømm) 1
Spool Length: 500 meters
Weight: 10g/m
Connector: SMA-905 / Jago Safety Adapter
Optical Performance:
Storage Temp: -40C to 150C
Operating Temp: -40C to 150C

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