

FIBER OPTIC ASSEMBLIES



FiberTech Optica can design and manufacture a broad range of fiber optic assemblies: patchcords, ruggedized cables, bundles and probes. We pride ourselves on our ability to meet our customers' requirements. Whether you need one prototype to test a concept or large batch to be incorporated in your products, we are here to accommodate and assist you.

Our assemblies can incorporate a multitude of options:

CONSTRUCTION

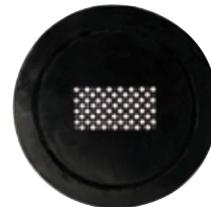
- Configurations: single, bifurcated, trifurcated, multi-legged
- Fiber ordering: random, randomized, structured, mapped
- Geometries: spot to spot, spot to line, line to line, custom apertures



Spot to line converter

FIBER

- Any of our standard all silica, PCS or HCS fibers
- Glass fiber bundles
- Plastic fibers
- Hybrid designs possible



Mapped/structured bundles

SHEATHING

- PVC furcation tubing (to 85°C)
- PVC coated monocoil (to 105°C)
- Silicone coated monocoil (to 230°C)
- Stainless steel interlock (to 600°C)
- Various other tubing types available



Reflectance probes

CONNECTORS

- SMA-905 (standard and high power), SMA-906, FC, APC, ST, LC
- Custom ferrules in stainless steel, brass, aluminum, ceramics, polymers

LENGTH

- Up to 300 meters (1000 ft)



Custom designs



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PRODUCTION

- quality control reports
- custom packaging
- OEM labels
- serial numbers

