

Bifurcated Cable Data Sheet



Gulf Photonics™

A DIVISION OF GULF FIBEROPTICS

| Fiber Type | Fiber Size | Jacket | Part Number |
|------------------------|------------|-------------------|-------------|
| Broadband (200-2100nm) | 100um | Silicone Monocoil | 2530193 |
| Broadband (200-2100nm) | 200um | Silicone Monocoil | 2530194 |
| Broadband (200-2100nm) | 400um | Silicone Monocoil | 2530195 |
| Broadband (200-2100nm) | 600um | Silicone Monocoil | 2530196 |
| UV/SR (190-1100nm) | 100um | Silicone Monocoil | 2530197 |
| UV/SR (190-1100nm) | 200um | Silicone Monocoil | 2530198 |
| UV/SR (190-1100nm) | 400um | Silicone Monocoil | 2530199 |
| UV/SR (190-1100nm) | 600um | Silicone Monocoil | 2530200 |
| Broadband (200-2100nm) | 100um | FE/BX | 2530201 |
| Broadband (200-2100nm) | 200um | FE/BX | 2530202 |
| Broadband (200-2100nm) | 400um | FE/BX | 2530203 |
| Broadband (200-2100nm) | 600um | FE/BX | 2530204 |
| UV/SR (190-1100nm) | 100um | FE/BX | 2530205 |
| UV/SR (190-1100nm) | 200um | FE/BX | 2530206 |
| UV/SR (190-1100nm) | 400um | FE/BX | 2530207 |
| UV/SR (190-1100nm) | 600um | FE/BX | 2530208 |

At Gulf Photonics, we believe that quality is the first order of business. Our cables are made in the USA, and built to withstand the rigors of constant use in nearly any operating environment. We carry a full range of fiber, core size, sheathing and connector options.

Gulf has multi-furcated cables available in a wide variety of leg lengths and number of furcations.

If you need a custom solution, we can help. Gulf's engineering team has years of experience building custom multi-furcated cables for a wide range of industries.

Standard configuration for bifurcated cables is a 0.5M common leg and 0.5M breakout legs. Other configurations available.



Specifications

| | |
|-----------------------------|---|
| Fiber Type | Step-Index Multimode |
| Fiber Core Size | 100, 200, 400, or 600µm |
| Fiber Core Material | Pure Silica |
| Fiber Buffer/Coating | Polyimide |
| Transmission Wavelengths | Broadband Fiber: 200-2100nm UV/SR Fiber: 190-900nm <i>Full Fiber specs available at www.gulfphotonics.com</i> |
| Numerical Aperture | 0.22 ± 0.02 |
| Full Acceptance Cone | 25.4° |
| Connectors | Gulf Photonics SMA-905 |
| Jacket | Silicone Monocoil or Fully Expanded BX Squarelock <i>Silicone Monocoil Jacket</i> : Built in strength member with fiberglass sheath <i>Fully Expanded BX Squarelock</i> : Fiberglass sheath |
| Inner Strength Member | |
| Operating Temperature Range | -20 ↔ 250°C |

Gulf Photonics Bifurcated Cables