

Introduction to Fiber Optic Cable Assemblies

Fiberdyne Labs, Inc. produces premium quality Fiber Optic Cable Assemblies using your choice of 12 Custom Colors. We are the manufacturer of choice for many of the Fortune 500 companies in the United States and internationally known companies. Fiberdyne Labs, Inc. takes pride in every assembly shipped.



- **On Time Delivery/Fast Delivery** - everything possible will be done to ensure that you receive your order when it is needed.
- **Quality Material** - Components meet current industry standards.
- **Any Cable Configuration** - We build both **Singlemode** and **Multimode** assemblies; simplex, duplex, multiple fiber, fan-out, indoor, outdoor, etc.
Plenum cable available upon request.
- 12 colors of Multimode and Singlemode are available.
- **Any Connector**- SC/UPC, SC/APC, LC/UPC, LC/APC, FC/UPC, FC/APC, SMA, MTRJ, ST, STII, MTP etc.
 - - Short Boots are available
 - - Clips are available on Duplex Assemblies
 - - Uni-boot are available on **Duplex Only**.
- **Machine Polish** - All assemblies are machined polished.
- **Oven Cured** - all assemblies are heat cured.
- **Custom Configurations** - Fiberdyne will build to your drawing/specifications and we can help create custom cables.
 - - Custom Labeling is available.
- **Drop Shipping** - drop shipping is available to any location specified.
- **Sharp Pricing** - our pricing is the best in the industry. As a manufacturer, we pass our savings directly on to our customer.
- **ISO 9001 Certified**

Technical Data:

- [Technical Data Sheet](#)
- [Cable & Connector Technical Data Sheet](#)
- [Low Smoke Zero Halogen Technical Data Sheet](#)
- [Part Number Build Matrix](#)
- [Fiberdyne-Multimode-Fiber-Specifications](#)
- [Fiberdyne-G.652.D-Single-mode-Fiber-Specifications](#)
- [Fiberdyne-Bend-Insensitive-Fiber-Specifications](#)

Fiberdyne Fiber Assemblies

- [Fiber Assemblies](#)

• Singlemode Cable Assemblies

- [1.2MM Bend Insensitive Single-mode Simplex/Duplex Assemblies](#)
- [Single-mode Assemblies](#) (Simplex & Duplex: Networking, Data Centers, CWDM/DWDM)
- [Simplex/Duplex, Fiber Optic Cables](#)
- [Fiber Optic Pigtails](#)
- [3.0 & 4.8 Ruggedized Simplex Assembly](#)
- [FTTH Flat Drop Cable Assemblies](#)
- [Cable Specifications](#)

• Multimode Cable Assemblies

- [Simplex/Duplex, Fiber Optic Cables](#)
- [50/125 Simplex/Duplex, Fiber Optic Cables](#)
- [62.5/125 Fiber Optic Pigtails](#)
- [50/125 Fiber Optic Pigtails](#)
- [Cable Specifications](#)

• Specialty Cable Assemblies

- [Loopback Fiber Optic Cables](#)
- [MU Fiber Assemblies](#)
- [10 GIG 50/125 Fiber Assemblies](#)
- [CATV NODE Entrance Cables](#)
- [Bare Ribbon Fiber Fanout Assemblies](#)
- [OCC Harsh Environment L-JACK™ Assemblies](#)

MPO Introduction**MPO Multimode Assemblies**

- [MPO 8 Fiber MM Assemblies](#)
- [MPO 12 Fiber MM Assemblies](#)
- [MPO 16 Fiber MM Assemblies](#)
- [MPO 24 Fiber MM Assemblies](#)
- [MPO 36 Fiber MM Assemblies](#)
- [MPO 48 Fiber MM Assemblies](#)
- [MPO 72 Fiber MM Assemblies](#)
- [MPO 96 Fiber MM Assemblies](#)
- [MPO 144 Fiber MM Assemblies](#)
- [MM LGX Modules](#)
- [Bare Ribbon Fiber Fanout Assemblies](#)

MPO Singlemode Assemblies

- [MPO 8 Fiber SM Assemblies](#)
- [MPO 12 Fiber SM Assemblies](#)
- [MPO 24 Fiber SM Assemblies](#)
- [MPO 36 Fiber SM Assemblies](#)
- [MPO 48 Fiber SM Assemblies](#)
- [MPO 72 Fiber SM Assemblies](#)
- [SM LGX Modules](#)
- [Bare Ribbon Fiber Fanout Assemblies](#)

Compatible with Arista Networks Inc. 7500E Series MXP

- [Configuration 528 MPO](#)
- [Configuration 529 MPO](#)
- [Configuration 530 MPO](#)
- [Configuration 531 MPO](#)
- [Configuration 551 MPO](#)
- [Configuration 552 MPO](#)

• [An Introduction to Single-mode Multiple Fiber Cable Assemblies](#)

- [900 Micron "Jumper" Style Preconnectorized Backbone/Stub Cable](#)
- [900 Micron Breakout "Pigtail" Style Preconnectorized Backbone/Stub Cable](#)
- [3MM Breakout "Jumper" Style Preconnectorized Backbone/Stub Cable](#)
- [3MM Breakout "Pigtail" Style Preconnectorized Backbone/Stub Cable](#)

• [An Introduction to Multimode Multiple Fiber Cable Assemblies](#)

- [900 Micron "Jumper" Style Preconnectorized Backbone/Stub Cable](#)
- [900 Micron Breakout "Pigtail" Style Preconnectorized Backbone/Stub Cable](#)
- [3MM Breakout "Jumper" Style Preconnectorized Backbone/Stub Cable](#)
- [3MM Breakout "Pigtail" Style Preconnectorized Backbone/Stub Cable](#)

[An Introduction to Mode-conditioning Products](#)**Mode Conditioning Cable Assemblies**

- [62.5/125](#)
- [62.5/125 Plenum](#)
- [50/125](#)
- [50/125 Plenum](#)