

FIBERDYNE LABS, INC.



Installation Services Capabilities Document





Established
1992

Our Installation Services Team consists of experienced field technicians and project managers who pride themselves on keeping up with the latest standards and installation techniques. We install, manage, terminate, troubleshoot and test copper and fiber optic cabling from the data closet to the desk. We also offer fiber optic splicing services to repair broken fiber optic cables or to splice on factory terminated pigtailed, which are available from our own manufacturing facility in Frankfort, NY. Many other networking products can be found on our website.

Along with installing copper cabling and fiber optic cables we use industry leading equipment to test everything from CAT 3 to CAT 6A copper lines and we have a full line of fiber optic equipment to test OM1, OM2, OM3, OM4 multimode and singlemode fiber. After testing is complete, our management team will review the data and provide a final report tailored to our customers' technical requirements.

Since 1992, Fiberdyne Labs, Inc. has completed many projects of varying scale, from full facility cabling upgrades to adding a few new ports at an office work station. Our services group has worked with a variety of different customers; ie., Universities, Hospitals, Manufacturing Facilities, State agencies and continues to build a wide customer base across many markets.

Structured Copper Cabling:

- Site survey, design, install, termination and test of triple play solutions
- Category 5, Category 5e, Category 6 (Certified), Category 6A
- UTP (Unshielded Twisted Pair) & STP (Shielded Twisted Pair)
- Site audits, network certification and documentation
- Switch/Networking hardware installation
- Wireless Access Points Physical Infrastructure
- DAS Certified Technicians

Structured Fiber Optic Cabling:

- Site survey (cell tower, buildings, data center)
- Complete fiber backbone installation
- Singlemode & Multimode fibers
- Advanced 10Gig campus cable infrastructure upgrades
- Any industry standard termination

Fusion Splicing:

- Single or ribbon fiber



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Advanced Network Testing Services:

- Complete Fiber Characterization
- Bi-directional OTDR testing
- Bi-directional loss reading
- Optical Return Loss (ORL) readings
- Chromatic Dispersion (CD) testing
- Polarization Mode Dispersion (PMD) testing
- DWDM/CWDM testing – Optical Spectral Analysis (OSA)
- Fiber reel testing

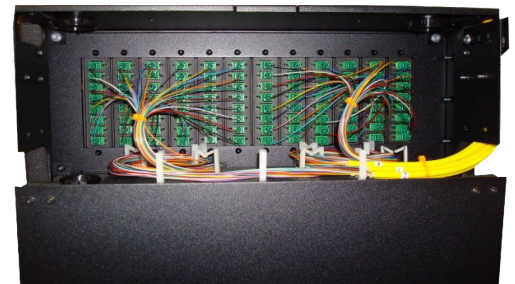


Emergency Restoration Services:

- Emergency Services to meet your immediate needs
- Inside Plant

Other Services:

- Project management
- Component selection
- Cable removal and disposal
- Cabinet & equipment layout
- Patch panels, LAN/WAN links
- Patch panel clean up and verification
- Switches and media converters
- Manufacturer of fiber optic cable assemblies, jumpers, MPO cables and cassettes, termination boxes, WDM, attenuators, fiber splitters and more. We are an ISO 9001 registered manufacturer.
- Plug and Play solutions available with pre-terminated multi-fiber and pre-loaded termination boxes.



Save Time - Save Money - Call today!



FIBERDYNE LABS, INC.

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