



CUSTOM FIBER & COPPER CABLE MANUFACTURING



Located at GDT's Innovation Campus, the 40,000 sq. ft. GDT Manufacturing production plant is a state-of-the-art facility where highly trained professionals manufacture and test customized Layer One fiber optics and copper cable assemblies. In addition, they test 100% of all assemblies and associated connectors. They are ISO 9001:2015-certified and maintain GR-326 fiber certification.

LARGE INVENTORY WITH RAPID TURNAROUND

One hundred percent of the products that GDT manufactures are Made in the USA, which helps ensure quick turnaround times are addressed and customers are satisfied.

GDT Manufacturing maintains an extensive inventory of spooled cable, from single to 144-strand fiber, and in a variety of options, including:

- Single and multi-mode
- Armored
- Indoor and Outdoor
- LSZH for risers
- Distribution or micro-distribution styles

State-of-the-art facility featuring:

- 5200 Series Domaille Engineering polishing machines
- VIAVI test equipment with either unidirectional or bi-directional testing options
- DORC interferometers for EFG that are regularly upgraded with the latest software to help ensure



CUSTOMIZED SOLUTIONS DESIGNED BY THE INDUSTRY'S BEST AND BRIGHTEST

GDT specializes in multi-strand fiber trunks designed with multiple breakout configurations, and all are custom-built to perfectly match each customer's requirements. All can be fitted with the connector(s) of your choosing.

GDT also offers peripheral devices for voice and data facility installations, including custom fiber distribution rack mount patch panels and cassettes that deliver innovative technology solutions. We provide made-to-order LC and SC MTP fiber optic cassettes in standard- or high-density versions to extend the number of connections while minimizing space requirements. Additionally, GDT custom FTPs can be manufactured in customer-required run unit sizes to address their unique needs. Each are compatible with industry standard equipment frames.

GDT MANUFACTURING'S CABLE ASSEMBLIES AND CONNECTIONS INCLUDE:

FIBER



- Single-mode, SMF-28e glass and BIF
- Multi-mode OM1 (62.5um), OM2 (50um), OM3, OM4 Laser Optimised or ClearCurve Fiber
- Fiber trunk assemblies up to 192 strands with custom fan out
- Simplex, duplex, zip, round, ribbon, bare ribbon
- Standard series SC, FC, ST, D4, SMA (Standard or Unibody)
- Small form factor LC, MU, MiniLC (Standard, Unibody, Uniboot)
- MTP/MPO, MTRJ (in all size fiber channels 2, 4, 6, 8, 12, 24, etc.)
- All polish connectors, SPC, UPC, and APC visual scope meets IEC

COPPER



- Cat6 mini patch cables
- Cat5e, Cat6a, and cat6e (stranded or solid, shielded or non-shielded)
- Telco 25 pair Cat3 and Cat5
- Other assemblies available upon request
- Cat6 six-pack cable bundle that saves space and reduces installation times
- Wide variety of color cable to choose from
- RJ11, RJ12, and RJ45 (with or without snag-less boots)
- Others available upon request

TESTED, BACKED BY WARRANTIES AND WITH STRICT ADHERENCE TO INDUSTRY STANDARDS

All products manufactured by GDT are covered by our Limited Lifetime Warranty, designed to meet industry standards and tested to ensure exceptional performance. GDT Manufacturing prides itself on maintaining the highest defect-free quality ratings in the IT industry, meeting customers' unique specifications and timelines, and complying with all statutory and regulatory requirements.

WHY GDT?

Founded in 1996, GDT is an award-winning, technology integration partner. GDT specializes in designing, building, and delivering best-of-breed technology solutions for service providers, enterprise networks, data centers, and more.



1B+ ANNUAL SALES



850+ ASSOCIATES



250+ CERTIFIED ARCHITECTS & ENGINEERS



150+ MANAGED SERVICES ENGINEERS

TOP STRATEGIC PARTNERSHIPS



24+ YEARS IN BUSINESS



185 COUNTRIES SUPPORTED



4 ISO-CERTIFIED LOGISTICS & INTEGRATION CENTERS



4 AI-ENABLED NETWORK OPERATION CENTERS

design **IT.** > build **IT.** > deliver **IT.** > manage **IT.**