



GDT Transport Optics

Better alternative outside the OEM specifications

GDT's Transport Optics™ is a leading provider of optical transceivers and high speed cabling. With a reputation for high quality products as well as an extensive custom design portfolio, Transport Optics has the connectivity solution regardless of the requirement.

At Transport Optics, 100% of the products we ship every day are tested in the specific application for which they are intended – never batch or tested to just meet specifications. We run bandwidth, distance and specific version IOS tests. We have documented an impressive 0.03% failure rate over the last 10 years.

We understand the demand for high quality products for IT and Data Center solutions. We understand that there are concerns regarding third party parts and any existing OEM service plans or warranties that might exist. Let us put your mind at ease. The Sherman Antitrust Act protects you if you chose to use third party hardware outside the OEM. This federal law says a manufacturer cannot “tie-in” exclusively their own upgrades, or invalidate a warranty or other support should an entity buy an upgrade from another company.

Here are a few more reasons Transport Optics is a better option

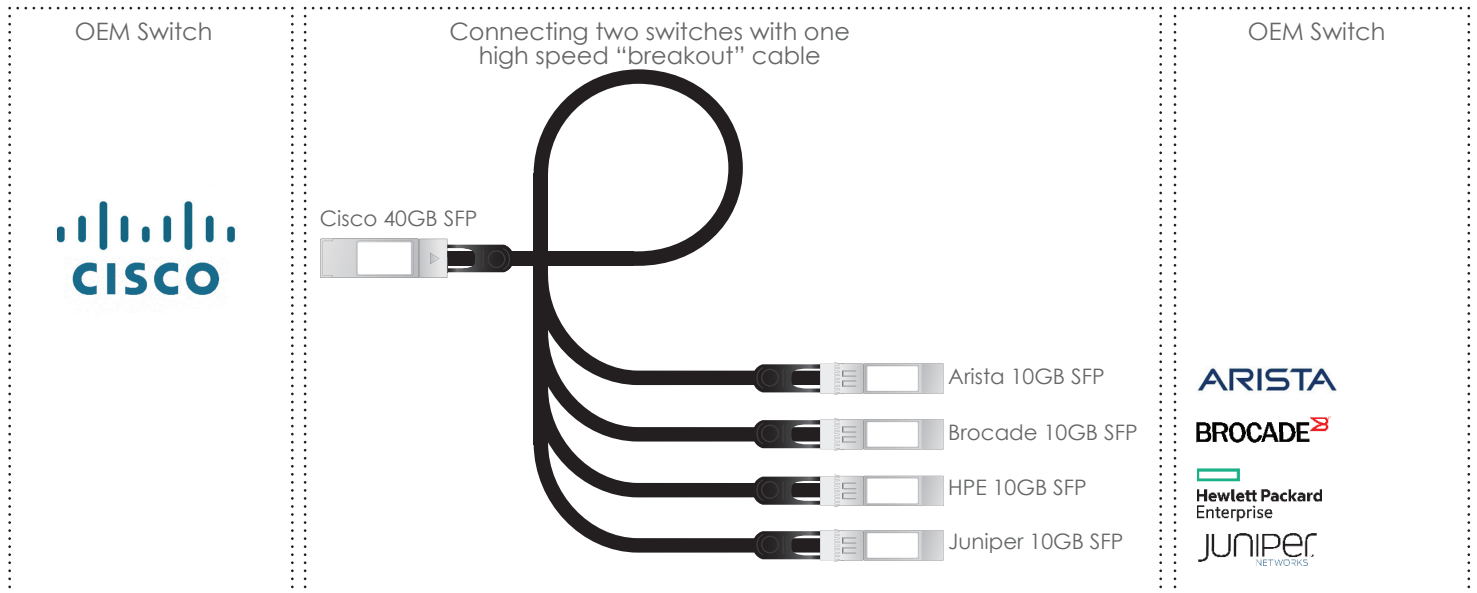
- does not void existing warranty
- tested beyond standard specification
- tested in environment
- coded in our in-house lab



Breaking barriers in today's competitive multi-OEM environments

The use of GDT proprietary DAC cables allow you to seamlessly connect from Arista to Cisco, Cisco to Juniper, Juniper to Cisco or any other mix of OEM configurations—borderless connectivity. Available in all lengths, both passive and active as well as custom lengths including:

- lifetime warranty
- solutions for both optical and copper
- customization available



The Transport Optics advantage

GDT's Transport Optics is a leading provider of optical transceivers and high speed cabling. With a reputation for high quality products as well as an extensive custom design portfolio, Transport Optics has the connectivity solution regardless of the requirement. Providing trusted and tested solutions is really at the heart of what we do. We have invested over a decade of research and resources to creating an internal model to maintain full compliancy for all of our products. GDT strives to make sure that our partners and their customers have the same confidence in our product.

Our full line of networking, memory and workplace upgrades includes:

- optical network transceivers
- fiber optic cabling
- direct attach cabling
- dual OEM cabling

Testing is really what sets GDT apart. Our in-house staff of lab technicians have fine tuned our process for over a decade. With an industry-leading Data Traveler process, every single product is put through our rigorous specifications, tested to OEM standards as well as physically tested in its intended environment. We take your exact configuration and recreate it in our lab to guarantee its functionality and performance. We do this with every product 100% of the time.

Transceivers

Transport Optics transceivers seamlessly scale any network, while offering quality that exceeds the OEM. They expand network reach, increase bandwidth and improve network performance - all without voiding SmartNet or any additional SLA.

Featured

CFP2-100GBASE-LR4-GDT

CFP-100GBASE-LR4-GDT

QSFP28-100GB-LR4-GDT

GLC-SX-MMD-GDT

SFP-10G-LR-GDT

SFP-10G-SR-GDT



Direct attach cables

The direct attach cabling comes in lengths up to 15m for copper (Twinax, CX4) or up to 100m for fiber (AOC), offering both active and passive solutions for copper cables as well. Our custom Hydra "breakout" cables come in lengths up to 20m and can provide high speed connectivity between multiple OEM switches. Both active and passive solutions are available.

Dual OEM Featured Parts

GDT-SCISHP-PDAC1M

GDT-SCISJU-PDAC1M

Featured Parts (OEM# -GDT)

QSFP-H40G-ACU7M-GDT

QSFP-4x10G-AC7M-GDT



Patch Cables

Transport Optics offers a variety of patch cables and accessories that provide seamless connectivity for all of your current and future network hardware needs.

Featured Parts

GDT-MODE-LCLC6-1

GDT-MPO4LC20M5OM3

GDT-ST-ST-10M6MMF





In-house coding

Not only are GDT products put through a rigorous testing method, each part is coded in our in-house lab. With advanced Firmware and DOM coding all Network Transceivers and Direct Attach Cabling are programmed to the OEM specification. GDT takes pride in on our internal programming team and their ability to replicate authenticated code.

Custom coding solutions

Most companies won't bother with custom networking solutions. GDT realizes that today's data centers can be filled with multiple manufacturers' parts and that at some point they need to communicate to one another. At GDT, we provide custom coding solutions to fit our customers needs. If needed, we can deploy field technicians to troubleshoot along side customers to develop customized solution. We believe in providing the full spectrum of networking solutions for our customers.

Compatibility

All products shipped by GDT Transport Optics are guaranteed to meet or exceed both MSA spec and the OEM application requirements.

24 hour drop ship

GDT Transport Optics offers same day shipments available on most products.

Trade compliance

All products shipped by GDT Transport Optics are TAA compliant and ready to be sold on all government contracts.

Custom solutions

Be sure to inquire with your GDT team if you have a need for a custom requirement that may fall outside the OEM scope. GDT Transport Optics custom design engineers are available to consult and design custom solutions.

Cost savings

With potential savings in the range of 25%-70% PLO products offer the ability to maximize budgets and profitability.

Warranty

All products shipped by GDT Transport Optics are covered by a lifetime warranty.

ISO 9008:2015 Certified

Third party optics - dispelling the myth

There is a rumor out there that third party optical transceivers and direct attach cables void existing OEM service contracts and warranties. Although the OEM might have you believe that and their customers being told that as well, it couldn't be further from the truth. Here is everything you and your customers need to know about taking advantage of a cost-effective alternative from GDT Transport Optics.

Sherman anti-trust act

This is the most important thing for you to understand regarding third party optics and the idea that they will somehow void the OEM warranty. The Sherman Antitrust Act protects you if you choose to use third party hardware outside of the OEM. This federal law says a company cannot "tie-in" exclusively their own upgrades, or invalidate a warranty or other support should an entity buy an upgrade from another company. This act was put in place to encourage competition for the benefit of the consumer. GDT provides a quality, standards-tested product with a lifetime warranty that doesn't violate existing warranty or service plans— at a fraction of the cost. It's that simple.

In-house programming and testing

GDT programs and test all of our optics and network cabling in-house, here in the US. GDT has invested in a state-of-the-art lab that is constantly being updated with the newest OEM switches available. With advanced Firmware and DOM coding all network transceivers and direct attach cabling are programmed to the OEM specification. GDT takes pride in our internal programming team and their ability to replicate the OEM functionality. Other third party vendors claim they do this but most of the time they are buying a part from a broker or another questionable source that has been allegedly "coded and tested" and then just slapping a sticker on it. We are well aware of these practices and we strive to educate people in understanding the benefit of a true optics supplier.

In-environment testing

Another step that GDT takes that other third party vendors don't, is we test our products in the environment that they are intended to be used in. When we take an order, we request information that allows us to set up the proper switch to switch connection so that we can make sure that the products work and perform at the level they need to for that exact set up. That gives us the assurance and the piece of mind that each and every module or cable that we ship out is tested and ready to be deployed.

Why use a third party supplier

- **Cost:** OEM quality, tested and trusted parts at a fraction of the cost
- **Reliability:** Lifetime warranty, Industry-leading tech support
- **Performance:** All parts are tested in the intended environment
- **Sherman Antitrust Act:** No service agreements or warranties will be voided by using Transport Optics

Testbed (updated March 2016)

3COM

- 2928
- 2948-SFP PLUS
- 3870-24
- 4500G-24

Adtran

- NetVanta 1534P
- NetVanta 1638
- NetVanta 8044M
- Opi-6100
 - ETHM8EWF
 - OMM48VE
 - O3TME3
 - O12TME
 - OMM312V

Alcatel

- 1850 TSS-3
- 7342
- 7750SR
- OmniSwitch 6400
- OmniSwitch 6850-U24X

Arista

- 7060X
- 7150S-24
- DCS-7050S-64
- DCS-7124S

Aruba Networks

- S2500-24T

Brocade

- 5100
- 6505
- FastIron FCX624S-POE
- FastIron SuperX
- ICX 6610-24F
- NetIron 2024C
- NetIron MLX-8
- SilkWorm 200E
- SilkWorm 3200
- Turbolron 24X
- VDX 6710

Calix

- E7 10GE (XFP)
- E7-2
- E7 GE-24

Ciena

- CN-3930
- CN-3960
- LE-310

Cisco

- 1841
- 2811
- 2921
- 2940
- 2960
- 2960G
- 3500XL
- 3560 POE
- 3560-E POE-24
- 3600 NM-1G
- 3750X
- 3845
- 3900
- 3925
- 4503
 - WS-X4712-SFPE
- 4948E
- 4948-10GE
- 6500
- 7604
 - 7600-ES+2TG
 - SPA-2X1GE
 - SPA-2XOC3
- 9120
- ASR1002F
- ASR-9000V-AC
- ASR-9006
- A9K-8T-L
 - A9K-MPA-20X1GE
- CE500
- CRS-1
 - 4-10GB Xenpak
 - 4X10GBE-WL-XFP
 - SIP-800
- DS-C9120-K9
- DS-C9148-K9
- DS-C9020-20K9
- IE-3000
- IE-3010
- ME3400
- N2K-C2248PQ-10GE
- Nexus 3064PQ
- Nexus 3232C
- Nexus 5010
- Nexus 7004
 - N7K-F248XP-25E
 - N7K-M202CF-22L
- Nexus 9000
 - N9K-M12PQ
- Nexus N2K-C2248TP-E
- Nexus N5K-C5548P

- ONS-15454
 - 10DME
 - 10E MR TXPL
 - 15454-GE-XP
 - 15454-ML1000-2
 - 15454 ML-MR
 - 15454 MRC-12
 - OC192 STM64
 - OTU2 XP
 - TXPP-MR-2.5G
 - XC-10G
- ONS-CPT-200
 - CPT-PTM-10GX4
 - CPT-PTF256-10GX4
- ONS-CPT-50-44GE
- ONS-15310-MA
 - CTX 2500
 - CE-MR-6
- WS-C4500X-16
- WS-C4948

Dell

- 2824
- N4032F
- PowerConnect 5324
- Wyse P25 SFP Ready

EMC

- DS-24M2

Enterasys

- A2H124-24
- C5G124-24P2
- C5G124-48P2

Extreme

- 200-24
- Summit X650-24
- X450-48T

F5 Networks

- BIG-IP 8400

Force10

- S4810
- S60
- SA-01-GE-48T
- S50-01-GE-48T-V

Fujitsu

- Flashwave 5150MO

Gigamon

- GigaVU-MP
- GigaVUE-TA1

H3C

- A5120
- S5500
- S5820X

HP

- 2520-8 POE
- 2810-48G
- 2824
- 3100-16 v2 EI Switch
 - JD319B
- 4200VI
- 5406ZL
 - J8707A
 - J9536A
 - J9309A
 - J8705A
- 5900AF-48XG-4QSFP+
- C7000 VC FlexFabric
 - 20/40 F8
- MSA 2040
- Procurve 6600-24G-4XG
- StorageWorks 4/8
- StorageWorks 8/8
- StorageWorks 2/16
- Virtual Connect Flex-10

IBM

- Blade Center 46C7191
- Blade Networks G8000
- Blade Networks G8264R

Juniper

- ACX1000
- EX-3200
- EX-4200-48P
- EX4300-24T
- EX4550-32F-AFO
- MX480
 - MIC-3D-1X100GE-CFP
 - MIC-3D-2XGE-XFP
- QFX 3500
- QFX5200
- SRX210HE2

Linksys

- SGE2000
- SPS208G

McDATA

- ED-6064

NetGear

- GS724T
- M7100-24X

Nortel

- 2526T
- 4526GTX-PWR
- 470-24T
- Baystack 350
- ERS 4826GTS

Quanta

- T1048-LB9

Other featured GDT Transport Optics products

Memory

Transport Optics provides memory for all router, server, laptop and notebook applications. We are consistent in shipping factory original, tier one brands such as Samsung, Micron and Hynix, the highest quality parts available.

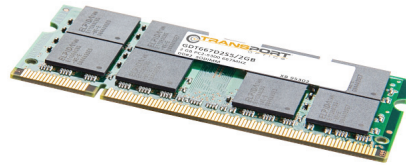
Featured parts (OEM # -GDT)

MB194G/A-GDT

33L5040-GDT

13N1524-GDT

397409-B21-GDT



SODIMM



DIMM

Media Converter

Transport Optics complete line of media converters offer the ability to convert copper to fiber or fiber to fiber. This is a cost effective solution that helps extend your network reach without weakening speed, security or reliability.

Featured parts

GDT-MCC40GQSFP-SK

GDT-MCC40GQSFP

GDT-MFMC-SFP

GDT-MFMC-LX-2SC



1000Base RJ-45 to Open SFP Slot
Media Converter



100Base-BX RJ-45 to SC
Media Converter

NIC cards

Transport Optics full line of superior quality and low cost NIC cards help enhance network performance. The NIC cards are designed to provide high performance in multi-processor systems by efficiently balancing network loads across multiple Central Processing Units (CPUs).

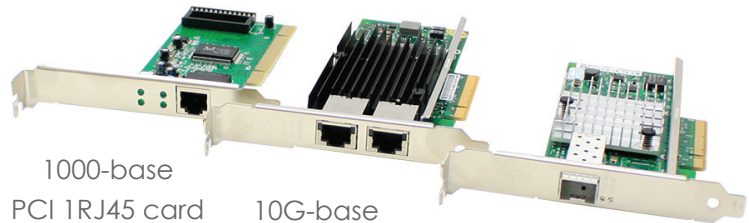
Featured parts

GDT-PCIE-1SFP-FX1

GDT-PCIE-4RJ45

GDT-PCIE-2RJ45-10G

GDT-PCI-ST-FX



1000-base
PCI 1RJ45 card

10G-base
PCIe 2 RJ45 card

10G-base
PCIe 1 open SFP+ card

Accessories

Transport Optics has added Audio/Video cables and converters including DisplayPort, DVI, HDMI, USB, and VGA connectors to our catalog.

Featured parts

GDT-PCIE-1SFP-FX1

GDT-PCIE-4RJ45

GDT-PCIE-2RJ45-10G

GDT-PCI-ST-FX



Display port to HDMI
adapter converter



Display port cable



HDMI to
mini-HDMI cable

TAA Compliant Optics

Letter of Compliance

All of GDT Transport Optics are TAA compliant because we turn a non-functional part into a fully functional product by programming it with 100% of the features required to perform its function using our in-house developed code then running it through our 100% compatibility test right here in the United States.

TAA-compliance means that products are substantially transformed in The United States of America or a TAA Compliant Country. As defined by the Trade Agreement Act (TAA), each product is substantially altered in the United States into a new or different article of commerce with a name, character, or use distinct from that of the article or articles from which it was transformed. Other companies that have different part numbers for their TAA compliant parts, most likely source their product and have no control over coding and proper full functional testing.



- Optical Transceivers
- Dual OEM, Direct Attach Cabling
- Twinax & AOC



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.

GDT partners for innovation and accelerates business outcomes.

GDT aligns itself with industry leaders such as       . The GDT team of expert architects and engineers hold the highest level of certification and employ the use of state-of-the-art, LEED certified facilities to translate the latest ideas and technologies into inventive solutions that realize the goals of IT and the vision of business leaders.

GDT Customer Service Center

999 Metromedia Pl.
Dallas, TX 75247
214.857.6100

GDT West Coast

4655 Old Ironside Dr.
Suite 290
Santa Clara, CA 95054

GDT Northeast

179 Bear Hill Rd.
Suite 204
Waltham, MA 02451

GDT Staging & Logistics

8000 Ambassador Row
Dallas, TX 75247

GDT Houston

10370 Richmond Ave.
Suite 250
Houston, TX 77042

GDT San Antonio

16022 Via Shavano
San Antonio, TX 78249

GDT Manufacturing

9004 Ambassador Row
Dallas, TX 75247
214.857.6262

GDT New York

One Penn Plaza
Suite 5320
New York, NY 10019

GDT Arkansas

400 West Capitol Ave
Suite 1722
Little Rock, AR 72201

International Offices

GDT Australia
GDT Brazil
GDT Canada
GDT Hong Kong
GDT Singapore
GDT United Kingdom

The GDT name and logo are trademarks or registered trademarks of General Datatech, LP and/or its affiliates in the U.S. and other countries. Third-party trademarks mentioned or reflected herein are the property of their respective owners. Additionally, the use of the word "partner" does not imply a legal partnership relationship between GDT and any other company.