



Product Advisory

Date: January 24, 2020
Products: Analog Optics
Reason: **Manufacture Discontinuance (MD) and End-of-Sale (EoS)**

ATX announces the Manufacture Discontinuance (MD) and End-of-Sale (EoS) for the Analog Optical Products within the Chromadigm, ChromaFlex, TranScend, Analog I-HUB and 1RU optical portfolios.

MSOs are transitioning access infrastructures to a Distributed Access Architecture (DAA) to meet increasing bandwidth demands and achieve operational efficiency. DAA adoption requires the transition from analog optics to digital optics, which are more efficient, offer improved signal performance and enable MSOs to deliver multiple services over a converged infrastructure.

This industry transition has resulted in decreased demand for ATX's portfolio of analog optics products in favor of our digital optics products, such as the ATX GigaWave™ multi-wavelength digital optical transport and digital I-HUB platforms. I-Hub (Digital EDFA) solutions for applications such as Hub Bypass will continue to be supported through and until the availability of ATX's GigaNode platform.

ATX is continuing to make significant investments to increase our value as a supplier in this market segment. The transition to DAA and the innovation required to deliver 10G services and beyond will require MSOs to evolve and upgrade their outside plant capabilities. ATX is committed to innovating and accelerating the development of cost-effective Extended Spectrum DOCSIS® and DOCSIS® 4.0-capable solutions and continues to increase the breadth and depth of its outside plant solution portfolio, such as the following recent innovations (not affected by this notice):

- GigaXtend™ family of 1.8/3GHz taps, power inserters, couplers and splitters representing the latest innovation in next-generation outside plant equipment designed to deliver immediate cost and performance benefits, as well as position cable operators to seamlessly extend the bandwidth capabilities of their networks to 3GHz and beyond.
- GigaNode™ GN3000 is a universal access node platform designed to support current and future technologies and architectures such as R-PHY, R-MACPHY, PON, Edge Compute and Wireless supporting DOCSIS® 3.1, DOCSIS® 4.0 and Extended Spectrum DOCSIS (ESD).
- GigaPass™ is a QAM-to-IP video engine designed to pass encrypted video from existing edge QAM equipment through IP-based CCAP video cores or directly to the CIN. The modular, high-density solution enables MSOs to address video encryption licensing and interoperability issues that threaten to delay the transition to a DAA model.
- GigaAmp™ family of outside plant amplifiers will be introduced in early 2020.

Analog Optics MD and End-of-Sale Milestones

The last day to order the affected product(s) is May 29, 2020.

Note that customers should place orders as early as possible as supply may be limited, and orders will be fulfilled on a first-come, first-served basis. ATX reserves the right to refuse any orders based on material availability. In accordance with industry practices, End-of-Sale orders are Non-Cancellable, Non-Returnable and Non-Reschedulable.

The table below describes the Manufacture Discontinuance and End-of-Sale milestones, definitions and dates for the products affected by this announcement.

Milestone	Definition	Date
Manufacture Discontinuance Announcement Date	The release date of document announcing the end-of-sale of a product.	January 24, 2020
End-of-Sale Date	The last date to order the product. The product is no longer for sale after this date.	May 29, 2020
Last Ship Date	The last-possible ship date that can be requested. Actual ship date is dependent on lead time.	September 30, 2020
End-of-Sale Ordering Discounts	Orders placed by March 31st will receive a 10% discount from contracted price. Orders received between April 1st and April 30th will receive a 5% discount from contracted price	Up to March 31st 10% discount April 1st to April 30th 5% discount

Support

Customers with units under warranty or covered under an active ATX Care SLA will continue to receive support, as depicted in the contract-specific terms held with ATX.

Customers with units no longer under warranty, or covered under an active ATX Care SLA, will be provided the option to purchase an Annual ATX Care SLA to provide ongoing Technical Support and consultancy on our installed base. Hardware Repair for these units no longer under warranty will continue to be handled through the 'Out-of-Warranty' repair process.

Please work with your Sales Representative to discuss the purchase of an Annual SLA.

Products Included in this Bulletin

Products and Product Families affected by this notice include:

ChromaFlex™

ATX Part Number	Description
CF-CT series	ChromaFlex Chirp Canceled Hybrid ITU Transmitter Modules
CF-DMT series	ChromaFlex Direct Modulated ITU and 1310nm Transmitter Modules
CF-QRRX	ChromaFlex Quad Return Receiver Modules
CF-REM	ChromaFlex De-Stacker Modules
CF-OS	ChromaFlex Optical Switch Modules
CF-CPA & GCA	ChromaFlex EDFA Optical Amplifier Modules
CF-CH, BPK, CLTR, CLI, PS, MMD & TFP	ChromaFlex Chassis Components

TranScend™: TSH & TSD Modules

ATX Part Number	Description
TSx-REM	TranScend Quad Frequency Stacker & Destacker Modules
TSx-RFX & QRRX	TranScend Forward & Return Path Receiver Standard and High Sensitivity Modules
TSx-DFB & MDU	TranScend Direct Modulated Transmitter & Transceiver Modules
TSx-OS & RFS	TranScend Optical & RF Switch Modules
TSx-OA, GCA & POA	TranScend Optical Amplifiers Modules
TSx-REM & OPSTK	TranScend Return Expansion and Opto-Stacker Modules
TSx-CH	TranScend Chassis AC & DC Power

I-HUB™ Platform & Modules

ATX Part Number	Description
IHUB-HSG, Trays & PS	I-HUB Strand Mount Housing with Trays and Supply Modules
IHUB-CTLR Series	I-HUB Advanced Control and Communication Modules
IHUB-GCA, DSA, DDSA & POA	I-HUB Field Hardened Gain Control, Integrated DSA / DDSA with DCM & RFoG multiport EDFAs
IHUB-OPSTK Series	I-HUB Field Hardened Opto-Stacker modules
IHUB-HQRCT Series	I-HUB Integrated Quad Return Receiver / Transmitter modules
IHUB-OS	I-HUB 2 X 1 Optical Switch Module

1RU Products: Transmitters, EDFAs, Super Trunk Receivers

ATX Part Number	Description
CDM, CHS, CLR, CHQ series	Chirp Canceled Hybrid ITU 1RU Transmitters
CIR series	Chromadigm Integrated RFoG 1 GHz 1RU Transmitters
CIR-PS series	CIR Chassis Power Supply modules
DSA series	Dual Stage 1RU EDFAs
POA series	PON 1RU Optical Amplifiers
STRX series	Super Trunk 1RU 1 GHz Receivers

While there are no direct replacements for the affected products, ATX is happy to discuss your digital optics requirements.

Attachments:

A spreadsheet containing a full list of all affected product SKUs can be found here: <https://www2.atxnetworks.com/ATX-Analog-Optics-MD-SKU-List>

ATX Product Hardware and Software Lifecycle Support Policy

ATX stands behind the products that we design, manufacture and ship to our customers. Standard warranty terms will apply to all products ordered and shipped during this transition period.

Lifecycle	Software	Hardware
Active	<ul style="list-style-type: none"> • 90-Day Factory S/W Warranty • S/W Generally Available (GA) for deployment • Minimum 1 year Active interval • Standard Warranty terms apply for 90 days • ATX Care Support Plan required thereafter • Corrective content via Maintenance releases 	<ul style="list-style-type: none"> • One (1) year Factory H/W Warranty • Hardware currently manufactured and available for order OR Hardware ordered and provided under the post-MD and EoS terms and conditions • Standard Warranty and ATX Care terms apply
Inactive (Software) or MD – Manufacturing Discontinued	<ul style="list-style-type: none"> • Minimum 1 year Inactive interval • Targeted corrective content (Outage, BC) with ATX Care 	<ul style="list-style-type: none"> • Not available for new deployments and expansions • Customer specific exceptions may be made based on MPSA
Retired (Software) or EOL – End-of-Life (Hardware)	<ul style="list-style-type: none"> • Minimum 3 year Retired interval • No corrective content available • Emergency Recovery only (no RCA) with ATX Care Support Plan • No Security patching 	<ul style="list-style-type: none"> • Minimum (3) year Post MD support window • ATX no longer supports advancement replacement of H/W as existing stock may have been exhausted but MAY still provide a best-effort repair service
EOS – End-of-Support	<ul style="list-style-type: none"> • ATX no longer supports the product 	<ul style="list-style-type: none"> • ATX does not support the H/W and support for certain H/W may be removed from S/W releases

Note that customer and contract-specific terms and conditions may apply that supersede the above policy intervals.

Global Services & Support

Contact ATX Networks

Please contact ATX Technical Support for assistance with any ATX products. Please contact ATX Technical Support to obtain a valid RMA number for any ATX products that require service and are in or out-of-warranty before returning a failed module to the factory.

Toll Free: 866.YOUR.ATX (866.968.7289) USA & Canada only – Select Option 1

Tel: +1 289.204.7800

Email: support@atx.com

Web: www.atx.com

As always, please contact your ATX Sales and or Support primes for additional information.

ATX would like to thank you in advance for your understanding and continued support.

Purchase Orders

Email: orders@atx.com