Product Advisory

Date: May 17, 2021
Product: GigaXtend™ 2GHz Extended Spectrum Taps
Reason: New Additions

ATX is pleased to announce new additions to our GigaXtend™ XST Series of 2GHz taps in our SCTE Extended Spectrum-compliant 3GHz platform. ATX continues to innovate and improve this platform, which has been generally available since late 2019.
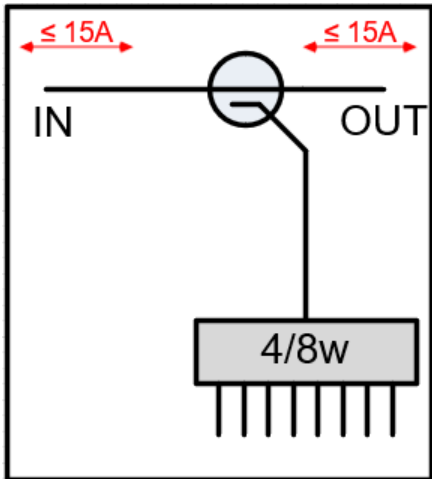
Four new SKUs are now available with slightly reduced tap loss by removing the plug-in conditioner option. This is a response to customer feedback that for low value and terminating taps near the end of line, where the downstream signals are lowest, there is a preference to not add any passive equalization. This would further increase loss in order to achieve flatter downstream signals at the cable modems. A higher level, even if negatively tilted due to cable loss, is preferred. This also allows support for an 8-port 11dB terminating tap in the platform, which was not previously available. These new SKUs have a "U" in the part number to signify unconditioned.

Another addition to the product line are taps with AC drop power on a single tap port, which is visually indicated with a red insert instead of the normal black insert on all other ports. This feature supports co-located active devices such as small cell and 5G for backhaul on the HFC plant. A thermal PTC device inside the tap will provide self-resetting current limit protection on the drop power port. All XST tap SKUs will be provided with ("D" in part number) or without this feature (no "D").
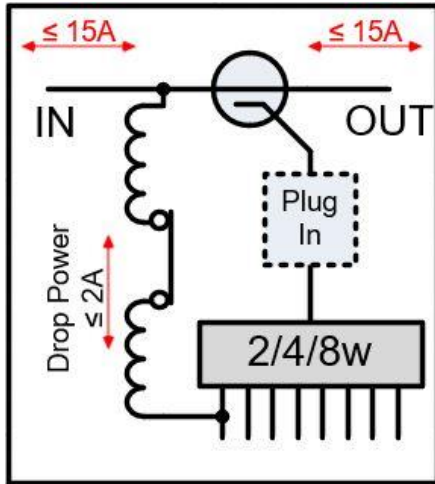
GigaXtend technology is essential to MSOs looking to futureproof their plants, eliminate amplifier respacing or reduce the need for additional amplifiers during bandwidth upgrades, or simply want to extend the spectrum of the HFC network to 2GHz and beyond. Save future truck rolls by deploying 2GHz products today with every new tap installed.

Functional Schematics

'U' Unconditioned Taps

'D' Drop Power Taps

Ordering Information

Part Number	Description
XST-24U-08T	4 Port Multi-Tap, 5-2050MHz, 15A thru, w/o Plug-in, 8 dB Terminating
XST-24U-11	4 Port Multi-Tap, 5-2050MHz, 15A thru, w/o Plug-in, 11 dB
XST-28U-11T	8 Port Multi-Tap, 5-2050MHz, 15A thru, w/o Plug-in, 11 dB Terminating
XST-28U-14	8 Port Multi-Tap, 5-2050MHz, 15A thru, w/o Plug-in, 14 dB
XST-22D-*	2 Port Multi-Tap, 5-2050MHz, 15A thru, with Drop Power, *= 08,11,14,17,20,23,26,29 dB
XST-24D-*	4 Port Multi-Tap, 5-2050MHz, 15A thru, with Drop Power, *= 11,14,17,20,23,26,29 dB
XST-28D-*	8 Port Multi-Tap, 5-2050MHz, 15A thru, with Drop Power, *= 17,20,23,26,29 dB

Availability

Available for trials now. Generally Availability in Q3 of 2021. Standard lead times apply.

Coming Soon:

Unconditioned terminating taps with drop power support.

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Global Services & Support

Contact ATX Networks
Please contact ATX Technical Support for assistance with any ATX products and 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.

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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

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