

**technetix**



# DBT-1800 series

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# The future of HFC is here

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The Technetix DBT-1800 smart amplifier series is the next-generation of HFC amplifiers for network upgrades to support multigigabit services. Backward-compatible with existing GainMaker and CCOR amplifiers, the series minimizes operator expense and end user disruption during the upgrade process.

DBT's optimized performance in DOCSIS 4.0 is a natural evolution of HFC networks worldwide. Built on the capabilities of Technetix DBx smart amplifiers, DBT provides the next step in amplifier intelligence, and unequaled HFC network evolution.



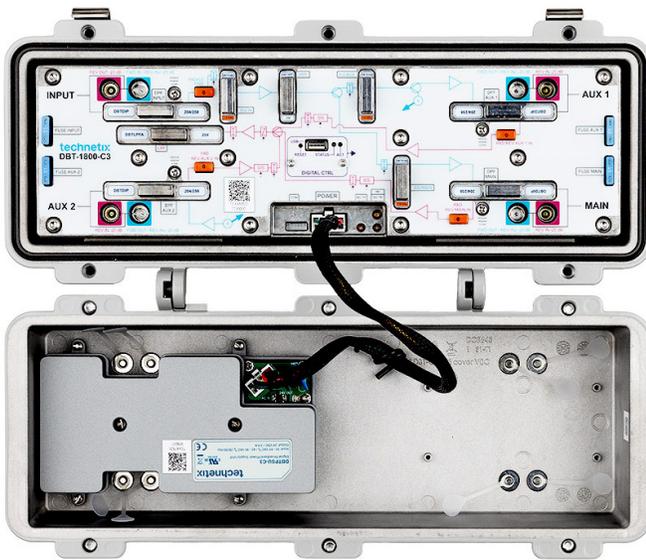
## The path to DOCSIS 4.0

DBT-1800 DOCSIS 4.0 is the next-generation of the DOCSIS standard, capable of supporting speeds up to 10 Gbps. Following SCTE 279, DBT is engineered to exceed MSO expectations for next-level HFC network upgrades.

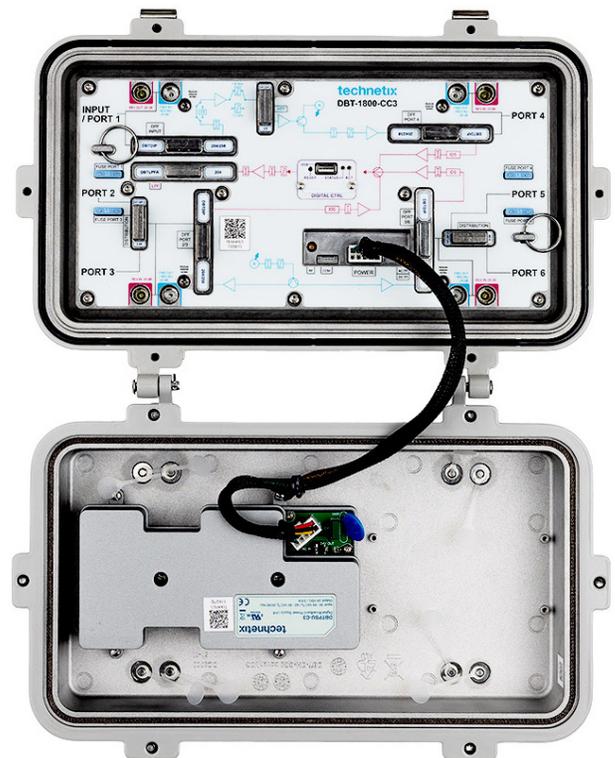


## Versatile design

Supporting individual plug-in replacement, the DBT series' lifespan is extended for moves from DOCSIS 3.1 to 4.0 by simple, resource-light automated plug-in detection and calibration.



DBT-1800-C3



DBT-1800-CC3



## Auto-alignment and all-electronic level and slope control

Auto-alignment ensures correct downstream alignment to minimize impact to end user service. Selecting a predefined profile to configure compensation settings, such as Automatic Slope and Level Control (ASLC), supports a simplified setup process for reduced technician skill level requirements.



## Software-based configuration

The DBT-1800 simplifies the configuration process, eliminating the need for plug-in pads and equalizers. In addition to streamlining configuration, operators are able to configure and monitor the DBT-1800 remotely, using the NXT Transponder, saving cost and time.



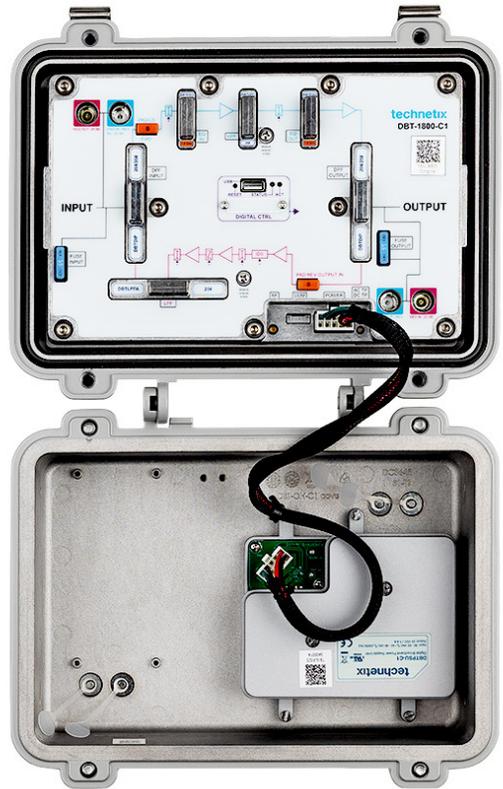
## Technetix configuration tool

FAST is our field engineer app for Android and iOS, and runs on a common backend with the remote management application. Always up-to-date, our tool facilitates network evolution as required, providing operators with slick scalability.



## Optimize today, evolve tomorrow

DBT-1800 series' smart design offers unparalleled performance working in 1.8 GHz to sustain quality signal levels with minimum impact to operations. Crucially, the amplifier is pre-prepared for next generation network upgrade to DOCSIS 4.0.



DBT-1800-C1



FAST app

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**EXAMPLE: DBT 18C1 M 102 A 0 0 A**

