



ICON™ series

ICON100 1.8 GHz BOOSTER AMPLIFIER

Extended Spectrum DOCSIS (ESD) is one of the great opportunities for operators to get the most out of their existing hybrid fibre and coaxial (HFC) networks. However, the high frequencies up to 1.8 GHz used in these networks are tough on the existing coax cable infrastructure and insist on using the best network components.

Maintaining backward compatibility has been one of the basic design principles in the new ICON100 booster amplifier. Although it supports 1.8 GHz and future DOCSIS 4.0 rollouts, it can also be used in lower frequency networks. The ICON100 is a simple and small booster amplifier ideally used on distribution lines when the networks are upgraded to a higher frequency band and compensation for increased cable loss is needed. As the ICON100 requires no level adjustments, it offers an easy to install solution that can also act as a line equalizer. The amplifier is remotely powered and supports high feed through current. Get a closer look at how it offers outstanding performance and broadens our offering for the North American cable broadband market and its requirements.

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ICON100 / 1.8 GHz BOOSTER AMPLIFIER

ICON100 features

- Supports up to 1.8 GHz downstream and 684 MHz upstream
- Fixed down- and upstream slope equalization
- Adequate dynamic range
- Test point for monitoring signal presence
- Supports high feed through current
- No adjustments needed
- Efficient ESD and Surge protection

Simple and reliable
ICON100 is a robust, well-performing 1.8 GHz booster amplifier intended for operators who appreciate the high performance, cost-efficiency and easy installation.

Flexible installation

Pedestal, pole and wall mounting.

Replaceable diplex filters

- ICON6241 42 MHz/54 MHz
- ICON6246 85 MHz/108 MHz
- ICON6250 204 MHz/258 MHz
- ICON6253 396 MHz/492 MHz
- ICON6255 492 MHz/606 MHz
- ICON6257 684 MHz/834 MHz



ICON100 Intelligent 1.8 GHz booster amplifier is especially designed for the North American cable broadband market and its requirements.

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TELESTE CORPORATION
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