



Flex Max® 9xx Series RF Amplifiers

FM 901e 1GHz Trunk/Bridger Amplifiers



- 1GHz GaAs technology
- Optional GaN technology for higher output capability
- -20 dB and -25 dB internal or external testpoint options
- Operational specifications designed to enable legacy system upgrades without the need for respacing existing amplifiers
- Expanded ALC pilot selection to match existing system designs
- Accepts all legacy 750 and 870 MHz equalizer and cable simulator plug-in accessories
- Supports selected EMS protocols
- Plug-in diplex filters for future frequency split upgrades (bench upgrade only)
- Accessory insertion guides ease installation
- Employs 6 port housing base
- Optional 90° access ports for cost effectiveness in underground installations

For cable operators looking to ensure maximum backwards compatibility and scalability and protect network investments, ARRIS offers solutions that deliver new services with minimal CAPEX, enhance network efficiency and increase subscriber satisfaction.

The Flex Max® 901e trunk and bridger amplifiers with 1 GHz bandwidth enable broadband service providers to increase forward capacity for high definition television (HDTV) channels, typically allowing a 40% increase over current program offerings.

The high forward gain and output configurations provided by FM901e Trunk and Bridger amplifiers are designed to overcome the higher insertion losses of coaxial cable and passives, and to ensure cost-effective new designs and drop-in upgrades of existing 750 and 870 MHz systems.

FM901e Trunk and Bridger Amplifiers are available as complete units for deploying new system builds, and, as drop-in RF modules for a 1GHz upgrade of legacy C-COR® 750MHz and 870MHz FlexNet trunk and bridger amplifiers. In addition, they can be used as spares in existing 750MHz and 870MHz systems. Operating specifications, such as gain and tilt, are maintained at 750MHz and 870MHz, with extended gain and tilt out to 1002MHz. These unique design considerations enable reuse of legacy amplifier housings and existing spacing, which in turn eliminates the cost of respacing, making the FM 901e drop-in RF module an economical choice for system upgrades up to 1 GHz.

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Find more information about the Flex Max 901e 1GHz Trunk and Bridger Amplifiers and other Flex Max® products.

- Product Specifications—Flex Max 901e Trunk and Bridger Technical Specifications (Publication Code: FM901eTB_TS.pdf)

Customer Care

Contact Customer Care for product information and sales

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