



## Flex Max®

### Flex Max901e 1GHz Trunk Amplifiers

- 1GHz technology
- Can be preconfigured for 750/870 MHz operation for drop-in spare application
- -20 dB and -25 dB internal or external testpoints
- Expanded ALC pilot selection to match existing system designs
- Accepts all C-COR legacy 750 and 870 MHz equalizer and cable simulator plug-in accessories
- Supports major EMS protocols



The ARRIS Flex Max901e 1 GHz Trunk Amplifiers are the new industry standard for RF distribution products. 1GHz will enable broadband service providers to increase forward capacity for HDTV over previous program offerings, typically allowing a 40% increase over current HDTV channels in a lineup.

The high forward gain and output configurations provided by Flex Max901e Trunk 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.

Flex Max901e Trunk Amplifiers are available as complete units for deploying new system builds, and, as drop-in RF modules for a 1 GHz upgrade of C-COR® legacy 750 MHz and 870MHz FlexNet trunk amplifiers. In addition, the trunk amplifiers can be preconfigured for deployment as spares in 750/870 MHz systems. Operating specifications, such as gain and tilt, are maintained at 750 MHz and 870 MHz, with extended gain and tilt out to 1GHz. These unique design considerations enable reuse of legacy amplifier housings and existing spacing, which in turn eliminates the cost of resplicing, making the Flex Max901e drop-in RF module an economical choice for system upgrades up to 1 GHz.

# Flex Max901e 1GHz Trunk Amplifiers

## Features

- Operational specifications designed to enable legacy system upgrades without the need for respacing existing amplifier housings
- Factory aligned to 1 GHz specifications, but can be deployed into 750/870 MHz applications with field accessible plug-ins Plug-in duplex filters for future frequency split upgrades (bench upgrade only)
- Accessory insertion guides ease installation
- Optional 90° access ports for cost effectiveness in underground installations

[www.arrisi.com](http://www.arrisi.com)

Find more information about the Flex Max901e 1GHz Trunk Amplifiers and other Flex Max® products.

- Product Specifications—Flex Max901e Trunk Technical Specifications (Publication Code: FM901eT\_TS.pdf)

## Customer Care

Contact Customer Care for product information and sales

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