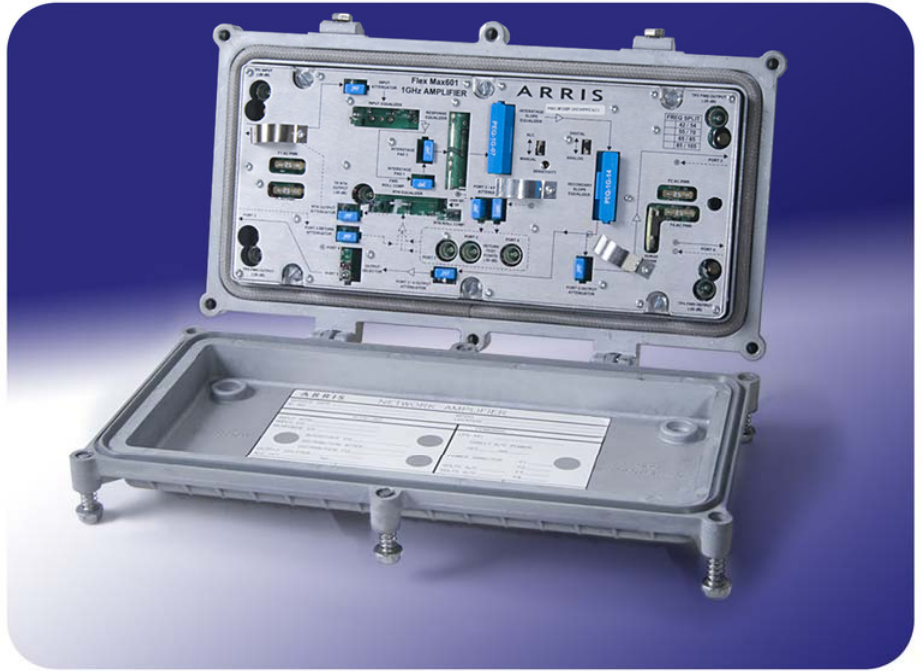




Flex Max® 6xx Series RF Amplifier

FM601e 1GHz Trunk/Bridger Amplifier



- 9-NH15 style 4 port housing base
- FM601e Trunk Amplifier: forward trunk operational gain of 32.5 dB, 43 dB on the bridger ports, and an operational return gain of 18 dB
- FM601e Bridger Amplifier: operational gain of 43 dB and an operational return gain of 18 dB
- QAM Pilot frequency available at 609.00, 645.00, or 711.00 MHz or legacy analog pilot frequency available at 423.25, 427.25, or 499.25 MHz
- Uses common legacy style equalizers and attenuators with guide pins
- Directional coupler forward output and return input test points isolate forward output and return input signals from the effects of reflections in the cable
- 1 GHz GaAs technology
- Optional GaN technology for higher output capability (bridger amplifier only)
- Plug-in diplex filters
- Built-in surge protection

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 601e 1 GHz trunk and bridger amplifiers utilize the Philips 9-NH15 style housing base and can easily be deployed as either a new build/plant extension amplifier or used as a drop-in module upgrade to existing legacy 9-NH series housings. These amplifiers also accept legacy style 750/870 MHz EQs and Pads so that GNA/TNA or G3A/T3A/G4A amplifier networks can be efficiently extended or upgraded using common style plug-ins.

The FM601e trunk amplifiers provide one active high level trunk output and one active high level bridger output configurable to two outputs via an output port distribution accessory. The FM601e bridger amplifiers provide two active high level outputs configurable to three outputs via an output port distribution accessory. Optional GaN (Gallium Nitrite) technology for higher output capability is also available on the FM601e bridger amplifier.

Find more information about the Flex Max 601e 1 GHz trunk and bridger amplifiers and other Flex Max® products.

- Product Specifications—Flex Max 601e Trunk and Bridger Technical Specifications (Publication Code: FM601eTB_TS.pdf)

Customer Care

Contact Customer Care for product information and sales

- United States: 866-36-ARRIS
- International: +1-678-473-5656

Product Flyer

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