



The Power to Transform®

## **IPG Photonics' Broadband Amplifiers Achieve RUS Acceptance**

*Innovative and Cost-Effective Solutions Support Broadband Stimulus Initiatives of the American Recovery and Reinvestment Act of 2009*

Oxford, MA, July 21, 2009 -- IPG Photonics Corporation, the global leader in high-power fiber lasers and amplifiers, announced today that its EAR series of Erbium Fiber Amplifiers have been accepted by the Rural Utilities Service (RUS) of the United States Department of Agriculture. USDA RUS acceptance means that IPG's cost-effective EAR Series of Erbium Fiber Amplifiers can be purchased using RUS loans and grants.

RUS is responsible for disbursing \$2.5 billion in economic stimulus spending allocated to broadband funding initiatives under the American Recovery and Reinvestment Act of 2009 (ARRA). ARRA supports broadband initiatives that are intended to spur job growth and accelerate broadband deployment in unserved and underserved rural communities across the United States.

IPG's EAR Series of Erbium Fiber Amplifiers are deployed extensively in fiber networks and offer one of the highest power and port density combinations available to the telecommunications industry. IPG's innovative designs can provide 36 ports with over 4 watt total power in a **2 Rack Unit (RU)** (19"x12"x3.5") chassis. Offered in both 1RU (1.75" height) and 2RU (3.5" height) chassis, the Erbium Doped Fiber Amplifiers (EDFAs) provide the ideal building blocks for a Fiber To The Premise (FTTP) or CATV network. These space-efficient amplifiers are available from 1 to 36 multiple output configurations, with each port providing up to 22 dBm output power at 1550 nm. Integrated Course Wave Division Multiplexing (CWDM) splitters are available which eliminates the need for external splitter shelves. IPG recently announced a unique two-way EDFA which optimizes two-way RF deployment over fiber networks, including Radio Frequency over Glass (RFoG) networks.

"The RUS listing for IPG's amplifiers gives telecom carriers and CATV operators an excellent option for a domestic origin solution that realizes the objectives of the RUS's Broadband Initiatives Program (BIP): to support the deployment of broadband infrastructure in unserved and underserved areas, and to encourage sustainable adoption of broadband service" said George BuAbbud, Vice President, Telecommunications.

### **About IPG Photonics Corporation**

IPG Photonics is the world leader in high-power fiber lasers and amplifiers. Founded in 1990, IPG pioneered the development and commercialization of optical fiber-based lasers for use in a wide range of applications such as materials processing, advanced, telecommunications and medical ones. Fiber lasers have revolutionized the industry by delivering superior performance, reliability and usability at a lower total cost of ownership compared with conventional lasers, allowing end users to increase productivity and decrease operating costs. IPG has its headquarters in Oxford, MA, and has additional plants and offices throughout the world. For more information, please visit [www.ipgphotonics.com](http://www.ipgphotonics.com).

**Safe Harbor Statement**

Information and statements provided by the Company and its employees, including statements in this press release, that relate to future plans, events or performance are forward-looking statements. These statements involve risks and uncertainties. Any statements in this press release that are not statements of historical fact are forward-looking statements, including, but not limited to, those relating to the purchase of IPG's EDFAs with funds or grants from under ARRA from the RUS. Factors that could cause actual results to differ materially include risks and uncertainties, including risks associated with downturns in the markets we serve, uncertainties and adverse changes in the general economic conditions of our markets, the Company's ability to penetrate new applications, the rate of acceptance and penetration of IPG's products, effective management of growth, level of fixed costs from its vertical integration, intellectual property infringement claims and litigation, interruption in supply of key components, contract cancellations, manufacturing risks, competitive factors including declining average selling prices, building and expanding field service and support operations, uncertainties pertaining to customer orders, demand for products and services, development of markets for the Company's products and services and other risks identified in the Company's SEC filings. Readers are encouraged to refer to the risk factors described in the Company's Annual Report on Form 10-K (filed with the SEC on March 11, 2009) and its periodic reports filed with the SEC, as applicable. Actual results, events and performance may differ materially. Readers are cautioned not to rely on the forward-looking statements, which speak only as of the date hereof. The Company undertakes no obligation to update the forward-looking statements that may be made to reflect events or circumstances after the date hereof or to reflect the occurrence of unanticipated events.

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