

Newsletter



Taipei, Taiwan – CTC Union Technologies, a leading designer and manufacturer of telecommunications, data communications and industrial grade networking products, today launches new series of **Optical Amplifiers Preamps**.

The FRM220-OAP17 and FRM220-OAP10 are single channel optical amplifier/preamp module that operate at the receiving end of an optical link and provide multi-function, low noise, Erbium-Doped Fiber Amplifier (EDFA) solutions.

Designed for optical amplification to compensate for losses in a De-multiplexer located near the optical receiver, these cards feature medium to low input power sensitivity, medium output power, and medium gain. The FRM220-OAP17 supports signal gain 25 ~ 35dB and stable saturated output power up to 17 dBm, while

the FRM220-OAP10 supports signal gain 15 ~ 25dB and saturated output power up to 10 dBm. In addition, they support **Automatic Gain Control (AGC)** and advanced performance monitoring via rack management or RS-232 console interface. The EDFA series realize flexibility and high-speed transmission for metro Dense Wavelength Division Multiplexing (DWDM) applications.

Press Contact:

CTC Union Technologies Co., Ltd.

TEL: +886-2-2659-1021

FAX: +886-2-2659-0237

Marc Yang & Frances Hsu

Email: marketing@ctcu.com



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