Dual Dynamic Gain Equalizer

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An Integrated Photonics-based solution designed for ultimate spectral precision. In networks with ROADM nodes, managing gain tilt and gain ripple is critical. That's where DGE makes the difference: flattening optical amplifier spectra and compensating wavelength-dependent tilts with dynamic precision. The module consists of two high-order reconfigurable filters realized in the PhotonPath's low-loss proprietary platform. They adapt in real-time through internal electro-optical actuators, minimizing flatness errors.