

MEDIA ARTICLE

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LASER+PHOTONICS 3/2009: New Products

Frequency Multiplier 10 – 80/10 -200 MHz

FREQUENCY MULTIPLIER

For the most demanding timing applications



EOS Optronics has specially developed low noise and stable electronic frequency multiplication modules from 10 to 200 MHz and 10 to 80 MHz, in order to generate almost jitter-free frequency signals from the 10 MHz outputs of atom normals. Because of its exceptional signal purity (sub-harmonic suppression -110 dBc) and a jitter of well below one picosecond, they provide the

ideal time base for demanding timing applications, for example satellite laser range finding with sub-cm measuring accuracy. The ultrastable 80 or 200 MHz ECL outputs are designed in such a way that they can operate the most precise time interval and event timing systems available. Other output frequencies are available upon request.

► www.eos-optronics.com

EOS Optronics GmbH

Ulrichsberger Str. 17 • D-94469 Deggendorf - Germany

Telephone +49 991 344 788-0 • Telefax +49 991 344 788-129

info@eos-optronics.com • www.eos-optronics.com