

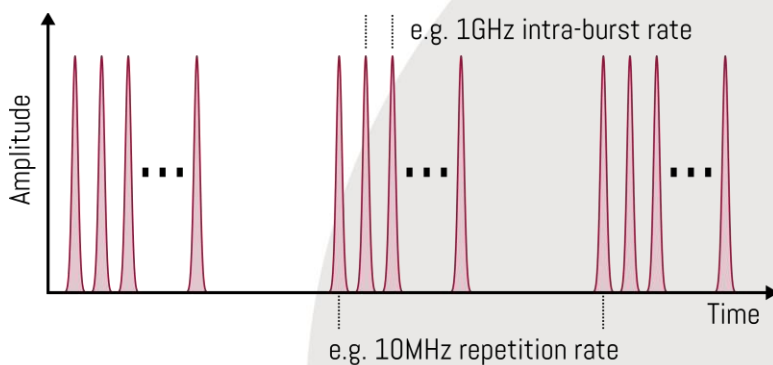
ADDON: BURST & FAST SWITCH

ADD-ON: GHz-BURST

AFS ultrafast fiber-laser systems can be operated in a patented burst mode with negligible variation of pulse duration over the burst and with a flexible pulse structure.

Number of pulses	2, 4, 8, 16, 32, 64, 128
Intra-burst repetition rate	up to 10GHz
Variation of pulse duration	< 3% at 250fs
Variation of pulse energy	< 5%

GHz-burst parameters



MORE INFORMATION

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ADD-ON: FAST SWITCH & MODULATION

The fast pulse-switching feature provides an optional extension of the laser's capabilities.

Single-pulse selection can be achieved up to 10GHz repetition rate with this patented technology. Full control over the pulse sequence is guaranteed on both their occurrence and their amplitude, which can be adapted to the customers needs. Most importantly, the ultrafast modulator works at highest average-power levels (kW and beyond) without any detrimental effects on the laser characteristics.

