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| |  |  |  | | --- | --- | --- | | **Параметры** | **Многолучевые "прозрачные" ЛБВ** | **ЛБВ мм-диапазона** | | Рабочий диапазон, ГГц | 8...14,5 | 27-9 | | Выходная непрерывная мощность, кВт | - | 0,02...0,15 | | Выходная импульсная мощность, кВт | 5...30 | 0,02...2 | | Полоса рабочих частот, % | 10 | 0,6...5 | | Коэффициент усиления, дБ | 10...13 | 30...40 | | КПД, % | 30...35 | - | | Рабочие напряжения, кВ | 8...25 | 18...25 | | Напряжение модуляции, % от ускоряющего | 10...15 | 10...12 | | **Parameters** | **Multiple-beam "transparent" TWT** | **mm-range TWT** | | Operating range, GHz | 8...14.5 | 27-94 | | Output CW power, kW | - | 0.02...0.15 | | Output pulse power, kW | 5...30 | 0.02...2 | | Operating frequency band, % | 10 | 0.6...5 | | Gain, dB | 10...13 | 30...40 | | Efficiency, % | 30...35 | - | | Operating voltages, kV | 8...25 | 18...25 | | Modulation voltage, % from accelerating voltage | 10...15 | 10...12 | |  |  |
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