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| |  |  |  |  | | --- | --- | --- | --- | | **Параметры** | **ЛБВ непрерывного действия** | **Импульсные ЛБВ** | **Спиральные ЛБВ непрерывного действия** | | Рабочий диапазон, ГГц | 4...14,5 | 8...17 | 5,5...8,5 | | Выходная непрерывная мощность, кВт | 1,5...2 | - | 1,2 | | Выходная импульсная мощность, кВт | - | 0,3...10 | - | | Полоса рабочих частот, % | 0,5...20 | 10 | 40 | | Коэффициент усиления, дБ | до 40 | 40...60 | 40 | | КПД, % | 27 | 26...35 | 30 | | Рабочие напряжения, кВ | 10...11 | 8...30 | 11...12 | | Напряжение модуляции, % от ускоряющего | - | 3...10 | - | | **Parameters** | **CW TWT** | **Pulsed TWT** | **Helix CW TWT** | | Operating range, GHz | 4...14.5 | 8...17 | 5.5...8.5 | | Output CW power, kW | 1.5...2 | - | 1.2 | | Output pulse power, kW | - | 0.3...10 | - | | Operating frequency band, % | 0.5...20 | 10 | 40 | | Gain, dB | up to 40 | 40...60 | 40 | | Efficiency, % | 27 | 26...35 | 30 | | Operating voltages, kV | 10...11 | 8...30 | 11...12 | | Modulation voltage, % from accelerating voltage | - | 3...10 | - | | |  | |  | |  | |
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