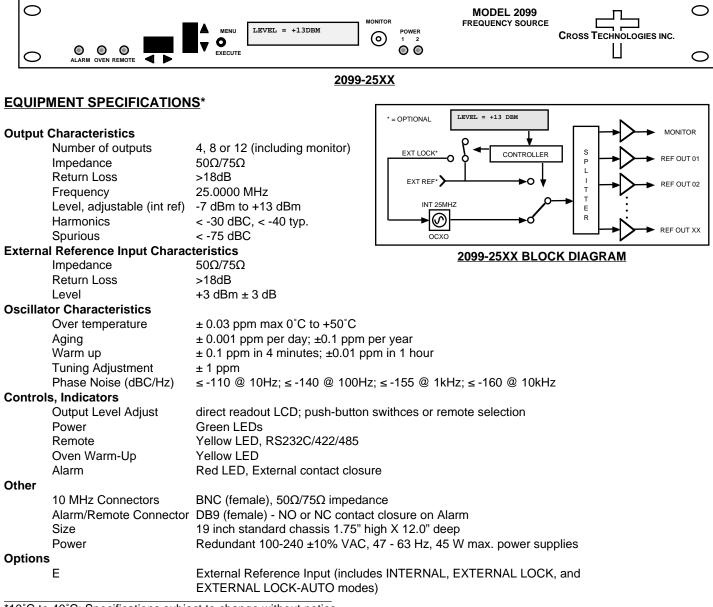


DATA SHEET

12/12/05

2099-25XX Frequency Source

The Model 2099-25XX Frequency Source provides four (xx=04), eight (xx=08) or twelve (xx=12) 25 MHz reference outputs from a 0.03 ppm high stability oven controlled crystal oscillator (OCXO). Front panel LEDs indicate alarm (red), oven warm-up (yellow), remote (yellow), and power from the two redundant power supplies (green). The output level is +13 dBm (max), and the 2099-25XX works into either a 75 Ω or 50 Ω load. An available External Reference option (Option E) provides an external reference input which can be used to lock the internal 25 MHz source to a high stability external reference. An LCD display shows the 25 MHz output level (or pass-through gain, mode setting and lock reference frequency (Option E)). Connectors are 50/75 Ohm BNC female. A relay contact closure or open indicates when an alarm occurs. The 2099-25XX is housed in a 1RU rack mountable chassis, and is powered by redundant power supplies fed by separate fused 100-240 ±10% VAC AC input connectors. An RS232/422/485 (selectable) M&C interface provides remote control of the unit.



*10°C to 40°C; Specifications subject to change without notice

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