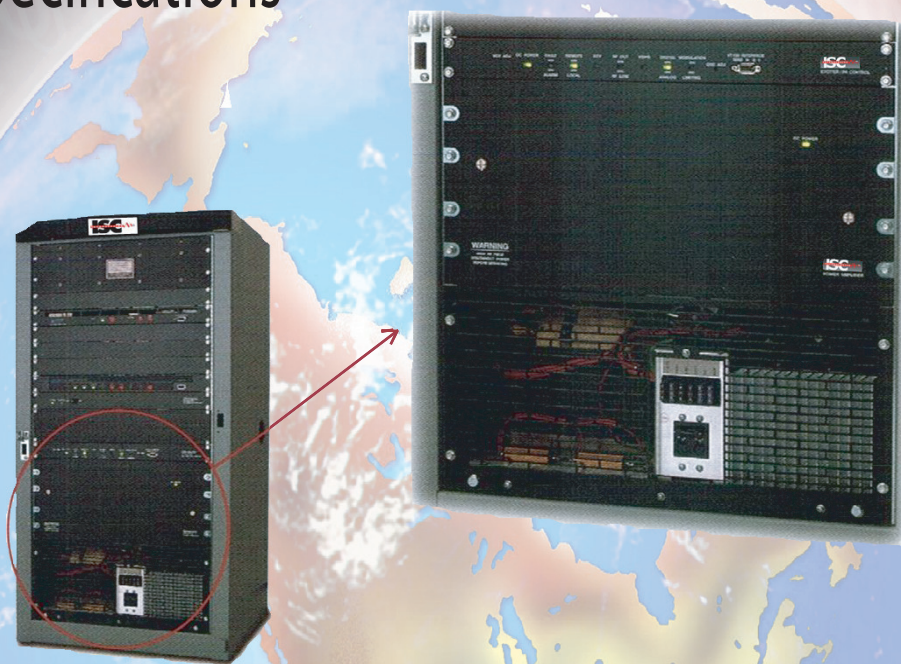


GL-T8500 900 MHz paging transmitter

[the industry standard for high-speed 900 MHz paging]

product specifications



output power

T8500: 50-250 Watts*

*measured at the single isolator output of the power amplifier

general

Transmission Frequency:
900-960 MHz

Channel Spacing:
25 KHz & 12.5 KHz*
*12.5 KHz Digital Only

Max. Channel Frequency Spread:
Standard: 3 MHz
wideband exciter: 13 MHz

Number of Channels:
I20 interface: 16

Frequency Stability:
 $\pm .005$ PPM w/GL-C2000 ± 2 hz

Synchronization Type:
GPS

Conducted Spurious &
Harmonic Emissions:
Keyed: < -90 dbc (typical)
 < -80 dbc (minimum)
Unkeyed: < -120 dbc

Duty Cycle:
100% continuous duty

transmitter modulation

Paging Formats Supported:
POCSAG
2 and 4 level FLEX
ReFLEX, ERMES
Analog
2 level & 4 level NRZ-FSK

Maximum Paging Data Rates:
2 level: 2400 bps
4 level: 9600 bps/4800 Symbols PS

GL-T8500 paging transmitter

<i>Environmental</i>	Operating Temperature -30° to + 60°C		Operating Humidity 0 to 95% non -condensing
<i>Physical</i>	Dimensions: GL-T8500: 11 RU*	Weight: 38.5 kg (84.8 lbs)*	Antenna Type: N Standard DIN Optional
	*incl. ferroresonant power supply, power amplifier & exciter		
<i>Power Requirements</i>	Power Supply Options AC: 120/220 VAC @ 50/60 Hz DC: 22-28 VDC		Power Consumption: GL-T8500 1500 Watts

For more information on the 900 MHz line of transmitters and other products for high speed wireless messaging systems, call your ISC Technologies representative.

ISC Technologies is a leader in wireless messaging infrastructure sales and repair. When you buy from ISC Technologies we are there to service you after the sale with a staff of factory trained technicians to keep your equipment in top condition for years to come.



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