

Short Form Catalog

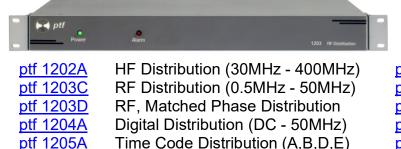


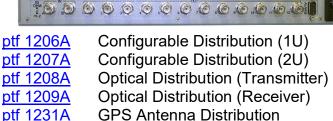
Precise Time and Frequency, LLC an LGL Group Company



Distribution Amplifiers

Standard 12 Channel, Optical, and Configurable





12 and 16 Channel Distribution with Remote Monitor/Control



ptf 1203C-MC 12 Channel RF, Monitor/Controlptf 1204A-MC 12 Ch. Digital, Monitor/Controlptf 1205A-MC 12 Ch. Time Code, Mon./Contr.

ptf 1603A
ptf 1604A
ptf 1605A
16 Channel RF, Monitor/Control
16 Ch. Digital, Monitor/Control
16 Ch. Time Code, Mon./Contr.

Redundancy Auto Switches with Remote Monitor/Control



ptf 1207A Failsafe, multi channel auto switchptf 1220A RF/Digital Pair Auto Switch

Precise Time and Frequency, Inc. has the widest range of time and frequency distribution and Redundancy Auto Switch products on the market today.

All distribution products utilize flexible broadband amplifiers to cater for the widest range of application requirements. The distribution amplifiers include either feed-through inputs for easy expansion without degradation, or dual auto switched inputs for redundancy requirements.



ptf 1226A Price Price

All products are designed for high isolation and low phase noise/jitter, and the configurable distribution units (ptf 1206A and ptf 1207A) allow combinations of RF, Digital, or Time Code distribution within the same package.

The remote monitor and control interface monitors all outputs and inputs, provides analog level monitoring for RF channels, and allows remote channel switching for auto switched inputs.

Precise Time and Frequency, LLC, 50L Audubon Road, Wakefield, MA 01880, USA Tel: (+1) 781 245 9090 Fax: (+1) 781 245 9099 www.ptf-llc.com



GNS Receivers, Frequency Standards, and NTP Servers ptf 3207A GNS Time and Frequency Receiver



ptf 3207A Multi Function GlobalTyme2TM Frequency and Time Standard

The ptf 3207A represents an extraordinary advance in the capabilities of precision time and frequency references. Delivering accuracy and stability performance unrivalled in the marketplace, the instrument also offers a rich feature set including RS232, telnet and web browser remote monitor/control, together with the latest version of NTP and SNMP versions 1,2, and 3.

The instrument is GPS, Glonass and Galileo ready, with options for additional satellite constellation reception as required.

All this is offered in a dual redundant 19 inch, 1U package at an unbeatable price only possible due to ptf's relentless drive to keep costs to a minimum without compromising performance.

GPS Receivers NTP Servers



ptf 3201B ptf 3203/4A Low cost Frequency Standard Multi Function GPS Frequency and Time Standard

ptf 3203/4AB Mobile GPS Freg/Time Std.

ptf 3223A High performance NTP Server

ptf GPS receivers and NTP servers offer solutions tailored to applications requirements. From full function, comprehensive Frequency, Time, and NTP standards including multiple frequency outputs with very low phase noise, to simple NTP servers to build in to custom systems. The SAASM enabled solution allows

ptf 3203A-WiMax ptf 3204A-SAASM ptf 3205A

Optimized for WiMax SAASM enabled solution Low cost OEM solutio

ptf 3225A OEM NTP Server

an external P(y) code receiver to be connected providing a secure solution for military environments. The WiMax configuration is designed to drive a 360 deg. triple antenna system while the mobile version provides continuous update of position, velocity and heading.

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Quartz and Rubidium Frequency Standards



ptf 2210A ptf 4210A Low Phase Noise Quartz High Performance Rubidium ptf <u>4211A</u> ptf <u>4220A</u> Std. Performance Rubidium Ultra Low Noise Rubidium

ptf Quartz and Rubidium Frequency Standards provide a range of capabilities including ultra low phase noise options, multiple frequency outputs, remote monitor/control, external input disciplining capability and much more. These frequency standards provide an excellent stand-

alone solution when GPS is either unavailable or unnecessary for the application requirements. Many units also include the option for external disciplining to a 1PPS source if required.

Frequency Generators, Time Code Generators



ptf 1229A

Frequency Generator

The ptf 1229A is a simple to use frequency synthesizer that can be set to any frequency within the range from DC to 30MHz in 0.1Hz steps. Both sine and TTL outputs are provided, and as standard the unit comes with two separate channels, independently settable (additional channels can be optionally added).



ptf 3207A-TC

Time Code Generator

The ptf 3207A-TC is generates both amplitude modulated (AM) and phase width modulated (DCLS) IRIB B and NASA 36 time codes and IRIG A,G,H DCLS time codes. The unit has count down capability, and can be run independently, or slaved to an external IRIG DCLS source and automatically acquire time

NTP Displays and Time Code Displays

Displays

NTDC46	C v 1" digita	NTDC06 DE	C v O" digita/Dual)	NTDCOA	4 v O" digita
NTDS16	6 x 1" digits	N10526-DF	6 x 2" digits(Dual)	NTDS84	4 x 8" digits
NTDS19	9 x 1" digits	NTDS29	9 x 2" digits	NTDS86-DF	6 x 8" digits(Dual)
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<u>NTDS112</u>	12 x 1" digits	NTDS44	4 x 4" digits	N1D54626	6x4" and 6x2"
NTDS24	4 x 2" digits	NTDS46	6 x 4" digits	NTDS8646	6x8" and 6x4"
N1D324	4 X Z ulyilo	N10340	0 x 4 digits	N1D30040	UNO allu UN 4





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