

## CONVEX PRICE LIST

11/1/16

LINK	DESCRIPTION	MODEL	PRICE
	<b>COMMUNICATIONS TEST SETS for NORTH AMERICAN / BELL SYSTEMS</b> Measurements: IEEE Standards 743-1984 and 1995, Bell Publication 41009		<b>USD</b>
<a href="#">806 TTS</a>	<b>PORTABLE, (BASIC) TRANSMISSION TEST SET, Measures: Noise, Level and Frequency</b> <b>806R RACK MOUNT Version / 1U High</b> Supports Telecom and Radio Systems	806 TTS 806R	4,970 4,970
<a href="#">806A</a>	<b>PORTABLE, TMS TEST SET, Adds: Delay and Impulse Noise to Basic TTS</b> <b>806AR RACK MOUNT Version / 1U High</b> Similar to HP 4934A but with Delay in place of P/AR Measurement Supports Telecom, Radio Systems and <b>Simulcast Networks</b>	806A 806AR	4,970 4,970
<a href="#">806C</a>	<b>PORTABLE, TMS TEST SET, Adds: P/AR, Return Loss, and Impulse Noise to Basic TTS</b> <b>806CR RACK MOUNT Version / 1U High</b> Replacement for HP 4934A with IEEE Std. 743-1995 Noise Filters Supports Telecom and Radio Systems	806C 806CR	4,970 4,970
<a href="#">806D</a>	<b>PORTABLE, TMS TEST SET, Adds: P/AR and Impulse Noise to Basic TTS</b> NSN: 6625-01-524-7163RH	806D	4,970
	<b>COMMUNICATIONS TEST SETS per EURO / ITU-T RECOMMENDATIONS</b> Measurements: ITU-T Recommendations and IEEE Standards 743-1995 <i>Euro Test Sets have a Psophometric Filter in place of the C Message Filter, and 150 Ohm Input / Output Impedance instead of 100 Ohm Impedance.</i>		
<a href="#">807 TTS</a>	<b>PORTABLE, TRANSMISSION TEST SET, Measures: Noise, Level and Frequency</b> <b>807R RACK MOUNT Version / 1U High</b> Supports Telecom and Radio Systems	807 TTS 807R	5,270 5,270
<a href="#">807A</a>	<b>PORTABLE, TMS TEST SET, Adds: Delay and Impulse Noise to Basic TTS</b> <b>807AR RACK MOUNT Version / 1U High</b> Similar to HP 4934A but with Delay in place of P/AR Measurement Supports Telecom, Radio Systems and <b>Simulcast Networks</b>	807A 807AR	5,270 5,270
<a href="#">807C</a>	<b>PORTABLE, TMS TEST SET, Adds: P/AR, Return Loss, and Impulse Noise to Basic TTS</b> <b>807CR RACK MOUNT Version / 1U High</b> Replacement for HP 4934A with ITU-T / IEEE Std. 743-1995 Noise Filters Supports Telecom and Radio Systems	807C 807CR	5,270 5,270
	<b>ACCESSORIES / SERVICE</b>		
	<b><u>Portable Test Sets include:</u></b> PC Cable, 2 Test Leads, Battery, Power Cord, Field Case, Manual, PC Software	Test Set - PC Cable Bantam-Alligator test lead <b><u>Rechargeable Battery</u></b> AC Power Cord Canvas Field Case	800A-1 4 800A-3 90 800A-4 40 800A-5 4 800A-FC 255
	<b><u>Rack Mount Test Sets include:</u></b> Manual, PC Software, PC Cable, Power Cord	Repair and Calibration	800A-6 240
	<b>ACCESSORIES / SERVICE Legacy Test Sets</b>	Rechargeable Battery AC Adapter / Charger	4BA-NP1.2-6 21 4BC-DV-1250 26
	1 of 3	Repair and Calibration	800-6 240

LINK	DESCRIPTION	MODEL	PRICE
	<b>SIMULCAST EQUIPMENT for LAND MOBILE RADIO SYSTEMS</b> <b>Manual</b> and <b>Automatic</b> Audio Delay Lines for <b>Simulcast</b> Networks		<b>USD</b>
<a href="#">VDL-RS</a>	<b>VARIABLE DELAY LINE, 1 Channel, Control via RS-232 or Touch-Tones</b> <b>Manual</b> Operation, Delay Range: 300 to 2,000,000 uSeconds / 1 uSec. Steps Deployed at central hub or remote base station sites / Power: <b>XX</b> = 12, 24, 48 VDC	VDL-RS-XX	705
<a href="#">ADL</a>	<b>AUTOMATIC DELAY LINE, 1 Channel, Control via LAN or Touch-Tones</b> <b>Automatic</b> Operation, Delay Range: 300 to 700,000 uSeconds / 1 uSec. Steps Deployed at <b>base station sites</b> / Automatic: <b>Delay, Amplitude, and Polarity</b> Power 12, 24, 48 VDC	ADL-XX	1,480
<a href="#">CTU</a>	<b>CENTRAL TIMING UNIT, 1 per Radio Channel required for ADL, Control via LAN</b> Sends Measurement Test Signal to ADLs when radio channel is IDLE Deployed at <b>central hub</b> / "Busy" detect via DC or Tones // Power 12, 24, 48 VDC	CTU-XX	1,480
<a href="#">GPS</a>	<b>GPS INTERFACE UNIT</b> , Provides 1 PPS timing to CTU (or ADL ) in situations where a master oscillator is not required. e.g. A central site that does not have a transmitter. Also has TEST Mode for bench checking a CTU and ADL - without a GPS Receiver.	GPS-XX	790
<a href="#">ASA</a>	<b>AUDIO SELECTOR AMP, 2 To 1 Backup Radio Link Selector, 5 Volt / TTL Control</b> Includes In / Out: PL / DPL High Pass and 2175 Hz Notch Filters / Power 12, 24 VDC	ASA-XX	780
	<b>ACCESSORIES</b>		
	<b>Mounts up to 4: VDL, ADL, OR CTU</b>	<b>AC to 12 VDC Adapter</b> <b>19" Rack Mount Panel</b>	<b>25</b> <b>60</b>
	<b>COMMUNICATIONS EQUIPMENT for LAND MOBILE RADIO SYSTEMS</b> <b>1U High / Audio / PTT ( Push to Talk) Combiners / Distribution Panels</b>		
<a href="#">2240A</a>	<b>AUDIO / PTT PANEL; 12 ,24, 48 VDC or AC Power; Manual or LAN Control; 1U</b> Up to 12 Audio and PTT Inputs can be combined and distributed to 12 base stations Flexible combining / distribution configurations set by internal controls Voter / Console priority via audio mute option for 1 in 3 Inputs PTT Override controlled by lighted, front panel, switches or LAN	2240A-XX	3,070
<a href="#">2240A-2C</a>	<b>2240A AUDIO / PTT PANEL with: Pre-emphasis, Limiting, and two CTCSS Encoders.</b>	2240A-2C-XX	4,070
<a href="#">2241A</a>	<b>AUDIO / PTT DISTRIBUTION PANEL; 12 ,24, 48 VDC or AC Power; 1U</b> Up to 16 Audio and PTT Inputs can be distributed to 24 base stations Flexible distribution configurations set by internal controls PTT Override controlled by lighted, front panel, switches	2241A-XX	3,780
<a href="#">2243A</a>	<b>AUDIO SELECTION / DISTRIBUTION PANEL; 12 ,24, 48 VDC or AC Power; 1U</b> Prioritizes and selects 1 of 11 audio inputs for base station transmit Distributes base station receive audio to 11 audio outputs Deployed at base station sites, supports two base stations	2243A-XX	4,550
<a href="#">2244A</a>	<b>REBANDING TRANSITION UNIT; 12 ,24, 48 VDC or AC Power, 1U</b> Supports 5 pairs of new and old NPSPAC Mutual Aid Base Stations while rebanding Operates on existing (single audio channel) transport for each pair of bases Deployed at base station sites / Voter or Local repeat / COR / PTT: Tone or DC	2244A-XX	3,980
<a href="#">2247A</a>	<b>AUDIO COMBINER; 12 ,24, 48 VDC or AC Power, 1U</b> Applications: recording Tx and Rx audio on a common medium, console bridging 12 Pairs of inputs are combined and distributed to 12 pairs of outputs Front panel: input gain adjustments, switched input / output monitor jack	2247A-XX	2,550
<a href="#">2247B</a>	<b>AUDIO COMBINER; 12 ,24, 48 VDC or AC Power, 1U, Combined / distributed in 3's</b>	2247B-XX	2,550

# CONVEX PRICE LIST

LINK	DESCRIPTION	MODEL	PRICE
	<b>LEGACY SYSTEMS for SIMULCAST LAND MOBILE RADIO NETWORKS</b> <b>Manual</b> and <b>Automatic</b> Bulk Delay Systems deployed in <b>Central Hubs</b>		<b>USD</b>
<a href="#"><u>2346</u></a>	<b>2U EQUIPMENT SHELF; 10 Slots; 12 ,24, 48 VDC or AC Power; RS-232 Control</b> Accepts up to two Model <b>2002F-XX Control / Power</b> Cards Accepts up to two,12 Output, Model <b>2041A</b> Audio / PTT <b>Distribution</b> Cards Supports up to <b>32</b> base stations with Model <b>2046</b> (4 Channel) bulk <b>Delay</b> Cards <b>S2346</b> System Software, and <b>M2346</b> Manual are included with Equipment Shelf	2346-XX	2,830
<b>2002F</b>	<b>CONTROL / POWER CARD; 12 ,24, 48 VDC or AC Power; RS-232 Control</b> The second 2002F serves as redundant power card only.	2002F-XX	840
<a href="#"><u>2041A</u></a>	<b>AUDIO / PTT DISTRIBUTION CARD, 12 Audio / 12 PTT Outputs</b> Supports: 1 Channel / 12 Sites, 2 Channels / 6 Sites, 4 Channels / 3 Sites	2041A	1,630
<a href="#"><u>2046</u></a>	<b>BULK DELAY CARD, 4 CHANNEL</b> Used when "talk-out" links have similar frequency response characteristics Bulk delay used to match transmit launch time	2046	2,160
<a href="#"><u>806A</u></a>	<b>PORTABLE, TMS TEST SET, Measures Delay to support SIMULCAST Networks</b> <b>RACK MOUNT Version / 1U High</b> Supports Telecom and <b>Simulcast</b> Radio Systems	806A 806AR	4,970 4,970
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