



Component and System Price List (USA)

Prices effective 1 May 2024

Current Sensors

Voss Scientific offers high performance wideband current sensors. These products are the highest bandwidth sensors of their kind available. The sensors produce outputs linearly related to the excitation signal in a compact geometry. Calibration fixtures allow full characterization in a 50-ohm geometry.

High Performance Wideband Current Sensors		
Model No./Name	Price*	Description
CP-560 Current sensor	4,490	5.6 GHz BW current sensor, SMA connector, nominally constant transfer impedance 1.5 ohms, ± 3 dB from 250 kHz – 5.6 GHz.
CP-560B-2.4 Current sensor	4,990	Ultrawide bandwidth current sensor, 2.4-mm output connector, nominal transfer impedance 1.5 ohms. Optimized for reduced variation for $f > 6$ -GHz, with less than ± 10 -dB variation from 100-kHz – 20 GHz.
CP-560B-2.92 Current sensor	4,890	Ultrawide bandwidth current sensor, 2.92-mm output connector, nominal transfer impedance 1.5 ohms. Optimized for reduced variation for $f > 6$ -GHz, with less than ± 10 -dB variation from 100-kHz – 20 GHz.
CP-560B-SMA Current sensor	4,890	Ultrawide bandwidth current sensor, SMA output connector, nominal transfer impedance 1.5 ohms. Optimized for reduced variation for $f > 6$ -GHz, with less than ± 10 -dB variation from 100-kHz – 20 GHz.
Option P	350	Modify CP-560 sensor: replace bulkhead output with up to 24 in long 0.047 in. diameter copper jacketed cable and reduce body width to nominal 3/8 in width.
Option PL	495	Modify CP-560 sensor: replace bulkhead output with up to 48 in long 0.047 in. diameter copper jacketed cable and reduce body width to nominal 3/8 in width.

Current Sensor Calibration Fixtures & Accessories				
Model No. Summary Description	Available Connector	Available Gender	Unit Price*	Description
DIF-2.4-x/x DIF-2.92-x/x DIF-3.5-x/x DIF-SMA-x/x Direct insertion and/or calibration fixture	<ul style="list-style-type: none"> ▪ 2.4-mm ▪ 2.92-mm ▪ 3.5-mm ▪ SMA 	<ul style="list-style-type: none"> ▪ F/F ▪ M/F ▪ M/M 	1,750	Fixture for characterization of CP-560 in time domain or frequency domain for DC-50 GHz frequency range (if used with 2.4 mm connectors). Requires use of Voss Scientific current probe model CP560 or CP560B (not provided). Fixture includes launch/receive sections, clamshell-type stiffener (use is optional) and 3 dielectrically insulated miniature threaded center conductors. Customer-specified connector types and genders.
T-450 Direct insertion and/or calibration fixture with 7-mm adapters	<ul style="list-style-type: none"> ▪ 3.5-mm ▪ SMA ▪ N 	<ul style="list-style-type: none"> ▪ F/F ▪ M/F 	2,450	Fixture for characterization of CP-560 in time domain or frequency domain for DC-20 GHz frequency range. Requires use of current probe model CP560 (not provided). Fixture includes body, center pin, washers and two each 7-mm to SMA adapters. Customer-specified connectors and genders.
S-450 Shorting Calibration Fixture	<ul style="list-style-type: none"> ▪ SMA 	<ul style="list-style-type: none"> ▪ F ▪ M 	1,395	Precision calibration shorting fixture for the CP-560 current sensor, for use with precision 7-mm (APC) RF connector. Customer-supplied connector. See S-45-AD or similar.
TL-450 50-ohm transmission line as surrogate sensor	N/A	N/A	295	Precision insertable surrogate current sensor. Used to implement a 50-ohm transmission line in the calibration fixture, thereby allowing verification of the performance of T-450, DIF, and S-450 fixtures.
S-45-AD RF Adapter	<ul style="list-style-type: none"> 7 mm to ▪ SMA ▪ N 	<ul style="list-style-type: none"> ▪ F ▪ M 	350	SMA or N-female (or SMA or N-male) to 7-mm adapter, used with T-450 and S-450 calibration fixture. Customer-specified connectors and genders.
DIF-CC Center Conductor for DIF	N/A	N/A	150	Replacement center conductor part for DIF-2.4-x/x which may become damaged due to misuse.

Voss Scientific, LLC

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Parallel Plate Transmission Line Test System

Voss Scientific offers a 50 Ohm parallel plate transmission line calibration and test system, as per below.

Parallel Plate Transmission Line Calibration and Test Fixture

Model No./Name	Price*	Description
PPTL-10	14,900	Parallel Plate Transmission Line Calibration and Testing Fixture. Provides a planar TEM-mode transmission line electromagnetic field over a frequency band from DC to X-band. Useful in both time and frequency domain applications. SMA input and output connectors.
PPTL-MFF	995	Modify PPTL-10 with 0.25 inch side cut trough to accommodate free-field sensors exceeding 6 inch length and shaft diameters up to ¼ inch OD. Includes precision demountable fill plate.
PPTL-10-HF	15,900	Parallel Plate Transmission Line Calibration and Testing Fixture, High Field version. Provides a planar TEM-mode transmission line electromagnetic field over a frequency band from DC to X-band. Useful in both time and frequency domain applications. SMA input and output connectors.
SRP-AD-180R	\$795	Sensor receiver plate for Prodyn D-dot Sensor Model AD-S180R.
SRP-BS80BR	\$795	Sensor receiver plate for Prodyn B-dot Sensor Model BS80BR.
SRP-AD-S10CR	\$995	Sensor receiver plate for Prodyn D-dot Sensor Model AD-S10CR.
SRP-AD-10A	\$995	Sensor receiver plate for Prodyn D-dot Sensor Model AD-10A.
SRP-FD-5A	\$995	Sensor receiver plate for Prodyn D-dot Sensor Model FD-5A.
SRP-CUST	\$995	Sensor receiver plate for AF 3-D printed sensors. Fits 3 Air Force D-dot prototypes provided.
SRP-AD-70R	\$995	Sensor receiver plate for Prodyn Free-field D-dot Sensor Model AD-70R. Use with part PPTL-MFF.
SRP-BL	\$495	Blank sensor receiver plate, 8-hole pattern.

Diagnostic Systems

Voss Scientific provides integrated, turn-key diagnostic systems, supporting electromagnetic and laser-based directed energy technologies.

Diagnostic Systems

Model No./Name	Price*	Description
PEMSVA	call	Portable ElectroMagnetic System Verification Apparatus. Man-portable, battery powered acquisition system for narrowband RF applications. Includes 4 recording channels in a shielded enclosure and mountable sensors. Optional mast for sensor mounting. Contact Voss Scientific for available configurations.
ADAM-RCU	call	Autonomous Damage Assessment Module with Remote Control Unit. Monitors target RF emissions before and after a disruptive event. ADAM unit transmits collected data over fiber or wireless interface to a remote operator computer. Contact Voss Scientific for available configurations.
LUCS-VIS-NIR	69,900	Live USPL Characterization System (LUCS) System with the following specifications: <ul style="list-style-type: none"> • Spectral: 400-1100 nm with resolution: < 1 nm • Pulse width: 0.06 – 5 ps • Pulse Energy: 0.2-200 µJ • Spatial: Aperture: 22 mm; Resolution: 0.2 mm • Rep rate: Single shot – 1 kHz • Dimensions: 30 x 20 x 15 cm (nominal) • LUCS software capable of running live from internet browsers Includes 1 year telephone and email support.

* Prices shown in US dollars. New Mexico Gross Receipts Tax (NMGRT) will be applied to all purchases as per NM law. Exception: no tax charged if a NM Non-Taxable Transaction Certificate is issued with purchase order.

Delivery time: Component dependent, delivery times provided with quotation.

Terms: Net 30, with credit-approved purchase order. US orders only. Credit card purchases incur a 4.5% convenience charge.

FOB: Albuquerque, NM.

For additional information, please contact us at (505) 255-4201 or info@vosssci.com, or visit www.vosssci.com.

Prices and specifications are subject to change without notice.

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