

July 2011

Welcome to Sinclairity!

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ABOUT THIS PHOTO

Our latest Corporate Brochure features this amazing image of a Comshel on top of Mount Panacea in B.C. This image is courtesy of YARA-Yukon Amateur Radio Association. The association has been using Sinclair products including its Comshel shelters at their sites for years. If you have any images to share please email us at: marketing@sinctech.com.

New Product Showcase

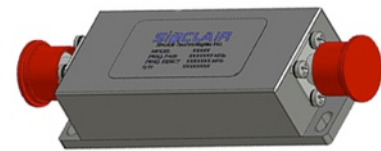
SC488-SF6LDF and SC488-SF9LDF Antennas

Sinclair's lightweight collinear antenna series-SC488 is now available in 700 MHz low-band (694-746 MHz) for LTE 700 MHz applications and 700 MHz high-band (746-806 MHz) for public safety applications. These antennas are equipped with a 2 1/4" diameter UV protected fiberglass radome and offer 10 dBd gain with various electrical downtilt options. With the zero degree downtilt option, the antenna can be conveniently mounted either upright or inverted as per the customer's need. Side mount kits are also available for these antennas. For more details please contact customer service at: 1-800-263-3275.

FPxxxRxxx Series Sinclair's new Low Cost Lumped Element Compact Filters

Sinclair is now offering lumped element filters for applications requiring high isolation to eliminate interference. These filters provide superior performance for channel isolation between close frequency bands when:

- Two radio systems are co-located and are operating in close frequency bands
- One radio system is operating in presence of external RF interference sources in close frequency



Featuring extremely low insertion loss and compact packaging (4.83"x1.45"x0.96" aluminum housing), these units can handle up to 150W transmit power when mounted on a metal panel or bracket and provide 70 dB minimum rejection. Additional 70 dB isolation can be achieved between 160 MHz voice and 220 MHz data systems by installing a FP161R220 and a FP220R161 unit with the corresponding radio system. This saves tower or locomotive rooftop space and prevents the 220 MHz data system from de-sensitizing. The FP220R098 protects the 220 MHz data system from existing FM broadcasting channels, while the FP161R098 reduces interference from FM channels for 160 MHz voice radios. Both can be used for base station or mobile applications. For more information please contact customer service at: 1-800-263-3275.

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Featured Products

SD232D-SF2/F3PASNF



Sinclair's Exposed Dipole- SD232D-SF2/ F3PASNF is a dual port antenna with two independent SD232 antennas vertically stacked on the same mast. The mast has two segments which can be easily joined together while in the field.

Main features include:

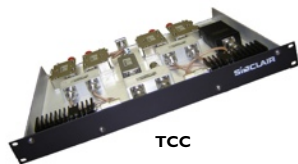
- Stacked dual port, covers 138-174 MHz/ 190-225 MHz.
- Field adjustable omni/offset pattern with 3/6 dBd gain respectively.
- Light weight, featuring a two segment mast for easy shipping and installation.
- High port-port isolation.

For more information please contact customer service at: 1-800-263-3275.

SD232D-SF2/
F3PASNF

Compact Hybrid Ferrite Transmitter Combiners

Sinclair's new TCC series compact hybrid ferrite combiners offer economical combining solutions for systems that require extremely close TXX frequency separation and space efficient racking.



The combiner is assembled on a 1U high tray for a 4-channel system. Each unit allows 2 or 4, 60 Watt transmitters to be combined with one antenna. The UHF and 700/800/900 MHz band TCC series features broad bandwidth which can combine a wide range of transmitter frequencies. These frequencies can be changed without retuning the combiners. The VHF band TCC series offers a bandwidth of 3MHz which can be customer adjusted within ± 5 MHz of the factory tuned frequency.

For more information please download the TCC Brochure at: www.sinctech.com/resources.aspx or contact customer service at: 1-800-263-3275.

Sinclair's 60th Anniversary Milestone

In June 2011, Sinclair celebrated its 60th Anniversary.

Celebrations kicked off with a reception at the Aurora plant, followed by a Toronto Harbor dinner cruise.

The event was attended by over 145 guests including Sinclair employees, retirees, customers, suppliers and other partners.

To commemorate the occasion daughters of Dr. Sinclair cut the anniversary cakes and every guest received a special gift featuring the 60th anniversary logo specially designed for the occasion by Valerie Sinclair.



Left to Right: Valerie, Elizabeth and Andrea Sinclair cutting the 60th Anniversary cakes, each cake featured a different logo



Ready to cruise



Left to Right Bryan Corley (Motorola), Calven Iwata (Sinclair), Don Graham (Motorola) and Sal Farina (Sinclair)



Dr. Amiee Chan (CEO, Norsat International)



Left to Right: Michel Gagnon (Sinclair), Marcel Lacasse and Line Ouimet (Production Electronique)



Gord Mayhew (President, Spectrum Communications)



Left to Right: James Solomon (Manutek), Sudesh Babu (Sinclair)

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News-Flash



Sinclair wins at Montreal Grand Prix!

Sinclair's Quebec-based distributor - Production Electronique was chosen to supply antennas and filtering systems for the 2011 Montreal Grand Prix. Mr. Marcel Lacasse owner of Production Electronique stated that "One of our major dealers, METROCOM a division of Groupe CLR, successfully lead this project. Richard Corbeil, Sylvain Bigras and their technical team really appreciated our help. They also appreciated the high quality products and quick delivery from Sinclair Technologies." He further added "In the past, several antennas were necessary to cover the entire site but now with Sinclair's SD314 series only one antenna was able to cover the entire site. Twelve C3037 systems were also used and worked perfectly even with numerous frequencies in the vicinity. The high quality Sinclair filtering system prevented any interference."

Le Grand Prix du Canada

C'est avec une grande fierté que nous avons été choisis pour fournir le système de filtrage et d'antennes pour le Grand Prix de Montréal. L'un de nos plus importants clients, soit METRO COM, division de GROUPE CLR, a mené de mains de maître le projet. Messieurs Richard Corbeil, Sylvain Bigras et leur équipe technique ont grandement apprécié notre aide et la qualité du service de SINCLAIR tant pour la fiabilité des produits que pour la rapidité des livraisons. Contrairement aux années passées, une seule antenne, la fameuse SD314, fut suffisante pour la couverture complète de l'événement. Les 12 C3037 ont fonctionné d'une façon impeccable. Malgré toutes les fréquences multiples présentes durant l'événement, aucune interférence n'est venue à bout des filtres SINCLAIR- Marcel Lacasse, Production Electronique.

Announcement

Dr. George Sinclair to be Inducted in Canada's Telecommunications Hall of Fame-2011

Canada's Telecommunications Hall of Fame has announced that Dr. George Sinclair will be inducted in Canada's Telecommunications Hall of Fame this year in the "Inventors and Innovators" class of 2011 category.

Dr. George Sinclair is chosen for being a Canadian pioneer in the development of radio antennas and filters for military and civilian applications.

The new Telecom Laureates will be officially inducted into the Hall of Fame on November 2nd, 2011 at the 7th annual Telecom Laureate Awards Gala and induction ceremonies to be held at the new Ottawa Convention Centre.

On behalf of everyone at Sinclair Technologies we congratulate the Sinclair family for this honor.



Upcoming Events



APCO International
August 7-10, 2011
Pennsylvania Convention Center
Philadelphia, PA



RSSI
September 18-20, 2011
Minneapolis Convention Centre
Minneapolis, MN



APCO Canada
November 6-9, 2011
Westin Hotel
Ottawa, ON



CMA 2011
November 6-9, 2011
Doubletree Paradise Valley Resort
Scottsdale, AZ