

NEWSLETTER

CORNING

Corning
Cabelcon

1st Quarter
2012



Product News

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2012

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Upcoming Exhibitions

Balkan Broadband, Belgrade Serbia
29 March 2012

Evolving Connectivity (CAI) - UK
2-3 May 2012

Sviaz Expocom, Moscow, Russia
14-17 May 2012

ANGACable 2012, Cologne,
Germany. 13-15 June 2012.

Contact

cabelcon@corning.com

Frontpage photo:

A selection of Cabelcon Hardline connectors.

Cabelcon is the largest manufacturer in Europe - offering the worlds largest range of connectors for broadband applications.



New Waterproof QuickMount™ 7.0

Last year we successfully introduced a new Cabelcon QuickMount™ connector for RG6 cables especially designed for easy installation on hard PE cables. This product was received with great interest among customers and operators. Meanwhile our creative R&D engineers have taken the success to a new level and created a 100 % waterproof version of the QuickMount™ 7.0.

The new waterproof version allows easy installation for outdoor applications on the hardest PE cables, independent of the outdoor temperatures, without warming or slicing and damaging the cable. This connector simply slides over the cable jacket using two fingers.

The 7.0 size fits most 4.9 & 5.1 size cables and is completely waterproof (30 meters/8 hours) without any additional protection. The shielding exceeds Class A+.

The new waterproof QuickMount™ 7.0 will be available from June 2012. We recommend that you send in your orders early, as initial demand may shoot over starting stock levels.

Ordering information

F-56 CX3 7.0 QM Item 99909407-01



CX3 QuickMount™ 7.0
Products information

ANGACable
Trade Fair for Cable, Broadband and Satellite

CABELCON
connectors

Meet us at ANGACable 2012 - stand no. K31

Product News

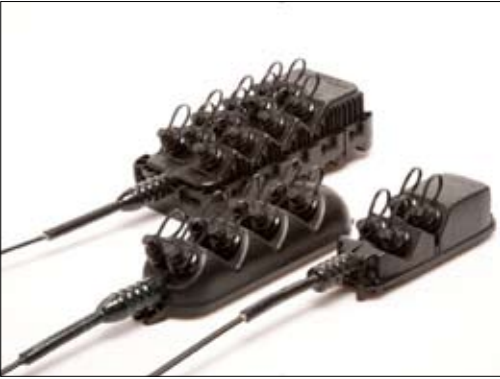
OptiSheath® MultiPort Terminal

Corning Cabelcon presents The OptiSheath® MultiPort Terminal, designed for use in outdoor plant fiber access networks. This innovative terminal provides sealed environmental protection along with fast and easy incremental connection of subscriber drop cables, while increasing deployment velocity. Its reliability and flexibility make it the ideal choice for network access point terminals in fiber-to-the-home (FTTH) deployments.

The OptiSheath MultiPort Terminal is available in four configurations: four, six, eight and twelve OptiFit™ Cable Assembly connector ports. The integrated pre-terminated cable stub is available in increments of 25 meter and in both dielectric and toneable cable designs.

The stubbed terminal provides the ability to consolidate cable access points by routing several terminal stubs to a single splice location. This increases workforce efficiency and reduces the overall installation time required to connect customers in FTTx networks.

Cabelcon can supply a complete range of products for time-saving FTTx installations.



- Insertion Loss 0.4 dB maximum per port
- >65 dB optical return loss

Features and Benefits	
OptiFit® Cable Assembly connector ports for customer drop terminations	Lower installation cost and faster customer connection
4- and 12-port designs supplied with universal mounting bracket	No additional mounting brackets required
6- and 8-port designed with integrated mounting capability	
Ultrasonically welded housing	Eliminates water ingress potential and prevents unwanted entry in the field
Factory directly-terminated polished connectors	Eliminates loss associated with excess fusion splicers
4-, 6- and 8-port configurations compatible with 8 in stand height pedestal	Lower profile

More types and configurations are available. Please contact us for more information.

New SpringConnect™ size 4.9

Following the introduction last year of our popular SpringConnect 3.9 for RG59 cables, many of our customers have asked for a size 4.9 for RG6 cables. We are happy to announce, that SpringConnect 4.9 will now be available.

The SpringConnect™ system effectively solves noise problems caused by loose modem cable connections between outlet and the set-top box.

Contrary to both standard F-connectors and “continuity” connectors the SpringConnect™ keeps Class A performance until the cable drops off.

Ordering information

F SC-59-CX3 3.9 short 99909523
 F SC-56-CX3 4.9 short 99909549



Now also SpringConnect 4.9

New Cabelcon UltraLite™

Cabelcon is now offering UltraLite™, a more competitive solution with excellent electrical and mechanical characteristics.

UltraLite™ is a Cabelcon quality product, featuring most of the well-known Cabelcon performance capabilities such as the unique Cabelcon CX3 EPDM sealing in the nut, making it 100 % waterproof IPX8 (30 meters/8 hours). UltraLite™ is a one-piece connector operational at above 3 GHz with superb specifications.

UltraLite™ is available in two sizes – 4.9 and 5.1 for RG6 cables. The base material is a High Tech Polymer reinforced with a metal ring to assist compression – replacing the more expensive full brass construction.

UltraLite™ design is patented and can be used for CATV, satellite LNB's, receivers, cable modems, set top boxes and all other applications – both in and outdoor.



New UltraLite™ 4.9 and 5.1

Ordering information

F-56-UL 4.9 99909508
 F-56-UL 5.1 99909506-01



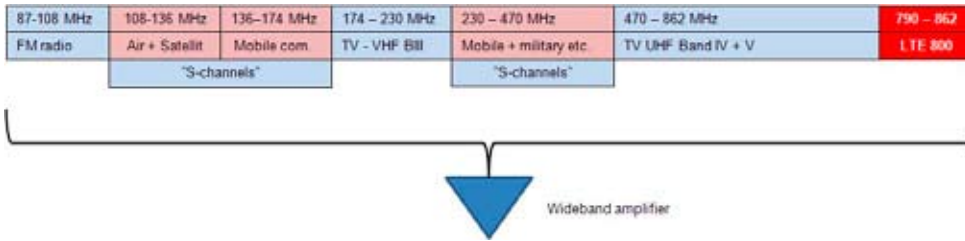
UltraLite™ products information

CABELCON
 connectors

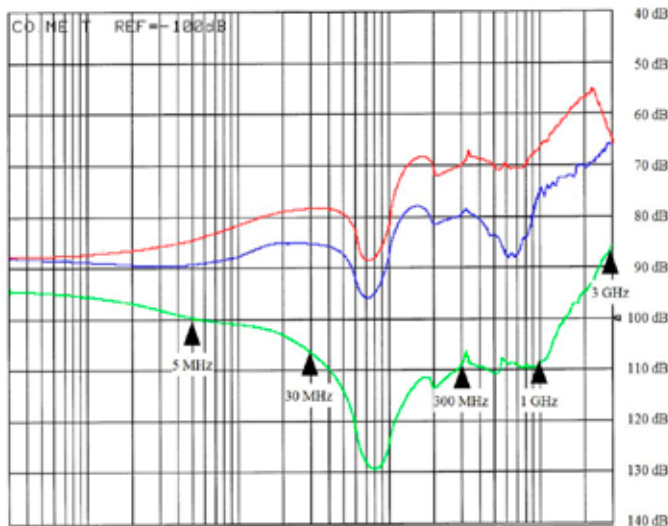
Articles

Trouble-free LTE operation with quality components...

Screening is the most discussed technical subject for the time being when it comes to coaxial CATV networks. The reason is the up-coming 800 MHz LTE networks coming into service from 2013. As shown below, LTE takes a piece of the UHF TV band. However, both CATV amplifiers in the networks, pre-amplifiers in towers, house amplifiers and TV tuners are still operating with the full bandwidth as shown below.



All signals within the frequency spectrum will be amplified – also LTE signals if present in the network! Consequently these signals must be kept out of the network. Otherwise there will be a serious risk of interference, intermodulation or even blocking of overdriven amplifiers or TV tuners.

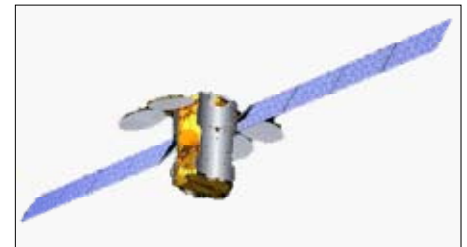


Most interference problems are caused by poor shielding in cables, connectors or insufficient tightening of the connectors. The green line on the graph represents a Cabelcon CX3 3.9 connector properly mounted and tightened. The blue line shows the same connector, but the nut is loosened one turn, resulting in 25-30 dB loss of shielding in the TV band.

The red line represents a screw-on connector properly mounted and tightened. The shielding is 40 dB lower than for the Cabelcon CX3!

High quality of cables and connectors and good craftsmanship ensure that the network is kept out of trouble.

Distributor:



Cabelcon Self-Install™ goes to space

The leader in Internet by satellite in France, Nordnet offers several new features to its customers. Using Skylogic's Tooway™ satellite broadband service, NordNet launched Triple Play services in France delivering 10 Mbps download speeds for consumers and businesses.

Nordnet becomes the first French ISP to distribute both solutions Astra-2Connect (Astra) and solutions Ka-Sat (Eutelsat) giving customers always-on Internet access with no need for a landline. The service can also deliver IP telephony and, using a Ku-band/Ka-band double feed, can be combined with satellite television reception from neighboring broadcast satellites.



Tooway™ is delivered via Eutelsat's innovative KA-SAT satellite which entered into commercial service in May 2011.

Cabelcon supplies via Kathrein France Self-install™ connectors for the Sat-2way kits, which include 25 m cable from Cavel, also a Cabelcon customer.

