

NEWSLETTER

CORNING

ClearCurve®

Corning
Cabelcon

2nd Quarter
2012

To be presented at ANGACable 2012...



Watch a demonstration
at ANGACable 2012
about how bendable the
ClearCurve™ is.

If you know anything
about fiber you will be
amazed!

CX4+



SpringConnect™



New HFX-2
jumpers



Less truck rolls with
Cabelcon SpringConnect™



New waterproof
QuickMount™



- and a lot more...

Product News

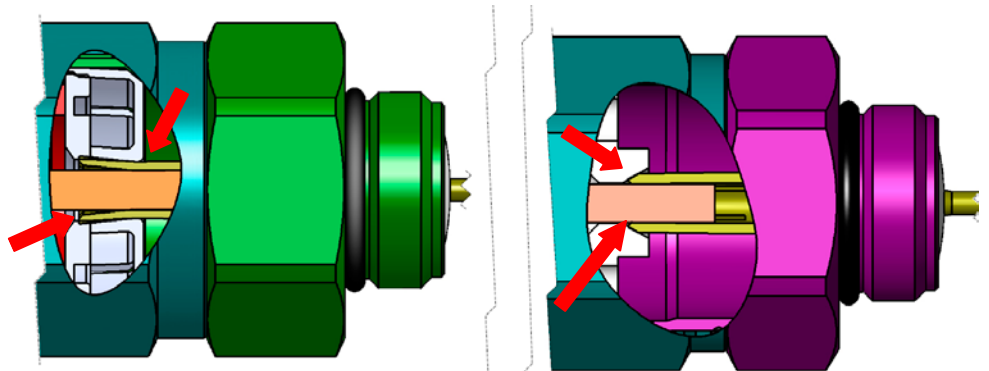
CX4+, the hardline connector from Cabelcon

Easier installation, improved characteristics and optimal intermodulation performance

Cabelcon will be introducing a series of improved hardline connectors and the first examples are ready for presentation at ANGA 2012. We have decided to keep our best features from our standard CX4 range such as our excellent patented lock-ferrule system ensuring 360 degree outer conductor shielding contact, while preventing cable rotation during tightening.

Furthermore we have added some improvements. One example is our multigrip system, which ensures a perfect grip on the cables inner conductor, activated by our patented activator and insulator system. Our unique system activates the pressure on the cable's inner conductor from the cable side. This avoids opening up the inner conductor seizing mechanism at the cable entry side creating a significant gap. The Cabelcon seizing mechanism produces a secure grip along the whole inner conductor and secures optimal intermodulation performance.

Patented Cabelcon activator mechanism



Standard systems in the market with activator pressure on the inner conductor causing an open gap along the inner conductor path from cable to connector pin, disrupting the signal flow.

Patented Cabelcon system. The activator pressure from the cable entry side ensures a straight path along the inner conductor for improved intermodulation performance.

Easier tightening and wider range of cable sizes

The CX4+ body length is now shorter than before and markings for complete stripping lengths have been added to the backnut. Changes on the back nut threads ensure that the required torque for tightening properly to mechanical stop has been significantly reduced. Other changes secure that the cable tolerances in the connector have been extended to cover the same cable dimensions as our original hard line series. Stripping lengths remain the same as before and existing Cabelcon tools can be used.



New CX4+ with markings for stripping lengths

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- Now: Full range of Waterproof QuickMount™ connectors

Upcoming Exhibitions

ANGACable 2012, Cologne,
Germany 12-14 June 2012

Contact

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

CABELCON
connectors

Product News

Corning FRECAP closures

The FRECAP closures are useable with all network types such as aerial, duct or direct buried networks as well as in all network levels such as interconnection, branching, distribution or access levels. With Corning's FRECAP closure the installation is faster, easier and more comfortable than with all other existing systems. The cable entry is based on a reusable gel-sealing material with independent segments. Additionally the Evolant® MAX fiber routing and management system is designed to easily handle bare fibers and provide the optimum flexibility within interconnection, branching, distribution or access levels. The Evolant® MAX is the new Corning Cable Systems standard for fiber routing end-management and is commonly used for closures, wall boxes, ODFs and cabinets.

Features

The FRECAP Dome Closure is designed to give the maximum protection for the installed network against environmental influences. FRECAP closures provide the following features:

- Fast, easy and comfortable installation
- 6 independent segments of cable entries
- Reusable gel-sealing material
- Wide range of different cable diameters, 6-25mm
- Wide range of different cable types
- No special tools required
- Up to 720 fibers
- Single Circuit and Single Element Management
- Recommended for FTTX Networks
- Optimized for the usage of optical splitter
- IP 68
- Can be used in various environments
 - Aerial and poles
 - FRECAP Closure
 - Close End Cap



With our new FRECAP closure, the installation is faster, easier and more comfortable than with all other existing systems. The FRECAP has 6 independent segments of cable entries with a reusable gel-sealing material.

A wide range of different cable diameters and cable types can be installed, without additional accessories. During the installation of new cables and replacement of installed cables the working times are dramatically reduced - hence providing a significant CAPEX/OPEX cost saving.

Additionally the FRECAP provides the MAX System with increased security. By successfully combining both systems with modern materials, you will get a product with the highest security standards available today. The FRECAP also provides the unique possibility to open single cable-entries without any impact on the cables that are already installed. This combination is unique.

No special tools or heating are required for installation; dramatically reducing costs and improving safety. You can find more information on our FRECAP closures on our website.



Cabelcon highlights at ANGACable 2012

We will be demonstrating the new SpringConnect™ modem cables which provide fast and easy installation for DIY modem kits. With LTE 800 starting Jan 2013 the superb shielding characteristics on SpringConnect™ make this a logical choice for in-home connections. No longer a need for tightening the F nut with a spanner.

Also the new range of CX3 HP connectors, our field installable Opti-Snap® fiber connectors and not least our famous and popular Self-Install™ connectors will be demonstrated.

One of the main attractions will surely be our new complete range of QuickMount™ connectors intended for the easiest ever installation also on hard PE cables. The QuickMount™ range fits to almost any cable size.

We are also going to introduce the first new improved CX4+ hardline connectors and the new brilliant Class A++ HFX-2 jumper cables.

Live demonstrations

At our stand you can also see a live demonstration of Corning's brilliant bend-insensitive single-mode ClearCurve® fiber.



We will also have a setup for demonstration of the visual results between good and poor shielding in coax jumper cables.



Meet us at ANGACable 2012 - stand no. K31



Product News

New series of Class A++ HFX-2 jumper cables

Cabelcon will soon be introducing a brand new range of HFX-2 jumper cables offering top class specifications. The new HFX-2 series will replace the HFX jumpers installed with our ordinary hardline connectors. The first new cable is a high quality FRNC copper cable with a solid inner conductor, but HFX-2 can also be supplied with PE or other cables on customers requests.

The HFX-2 cable contains one foil and two layers of heavy braid ensuring superior screening and transfer impedance, both exceeding Class A++. The HFX-2 jumpers are semi-flexible. Minimum bend radius is 110 mm.

HFX-2 is mounted with our new patented HFX-2 compression connectors, all designed and developed especially for our HFX-2 jumper cables. These connectors can only be factory installed. Among the great features are Cabelcon's special designed center seizing system ensuring excellent intermodulation performance (-140 dBc) and the 360 degrees shielding contact. The HFX-2 connectors are Nitin-6™ plated and of course waterproof (IPX8 10m/8 hours) without any additional protection.

The HFX-2 connectors are smaller and lighter than the previous versions making them easier to install where space is limited.



5/8MU - IECM jumper cable in the HFX-2 series

HFX-2 power handling capabilities are very good: Typical 11 Amps at 10° C and 15 Amps at 20° C increase above ambient temperature.

The new exiting HFX-2 jumpers will be available closer to end of the year.

Detailed datasheets will of course be available on request.

New SpringConnect™ Class A+ 75 Ohm F-terminator



FM-SC-R75 is watertight IPX8 (5meter/24 hours) when installed with seal ring 99900902.

Cabelcon presents a new designed 75 Ohm SpringConnect™ F-terminator with Class A+ shielding for safe installation. No tools needed, it can simply be pushed-on the F-tap. It means fast installation, but most important - it keeps RF-tight also when not pushed properly in place!

Class A+

Ordering information
FM SC-R75 1/4 HQ Nitin 99902004

Distributor:

Now: Full range of waterproof QuickMount™ connectors

Many customers have been waiting for it and now it's here: A full range of our patented waterproof QuickMount™ connectors covering all cable sizes from mini cables, RG59 and RG 6 Sizes. Also QuickMount™ for RG 11 cables is available.

Installation easier than ever before

All these connectors are developed for high performance and the easiest installation. No more fighting to get the connectors on hard and cold PE cables. No more problems to install on soft mini cables. No installation force is required, the QuickMount™ connectors slide easy on any cable.

The sizes available are 4.0, 4.5, 5.0, 6.0, 7.0 and 10.5. The 10.5 for RG11 has a PushPin™ system, while the new ones are Feed Through types. It means that the inner conductor from the cable is going straight through as inner conductor in the connector, a simpler and therefore more economical solution.

The mini/RG6/59 sizes covers cables with jacket sizes from 3.6 to 7.5 mm and outer conductor diameters from 2.8 to 5.7 mm.



Ordering information

F-56-CX3 7.0 QM	99909407-01
F-59-CX3 6.0 QM	99909427
F-CX3 5.0 QM SHORT	99909410
F-CX3 4.5 QM SHORT	99909409
F-CX3 4.0 QM SHORT	99909401



Meet us at ANGACable 2012
- at our stand no. K-31