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## News

### New 3.5/12 M - 3.5/12 F power blocking adapter



*3.5/12 M - 3.5/12 F power blockings.  
The item number is 87495120.*

The power blocking adapter can be used in amplifier and splitter ports to block the AC/DC supply to or from the coaxial network and where network power blocking is wanted.

The maximum network operating voltage is 90 Volt, while the peak isolation voltage for the unit is 400 V DC and 280 V AC. Return loss is better than -34 dB up to 1 GHz.

### CX3 compression A bestseller in demand



Before Cabelcon decided to develop our range of CX3 compression connectors we examined the weaknesses of competitive products in the market. It turned out to be a wise decision. The CX3 construction is well prepared and carefully planned and the performance and design are excellent. The products are now among our bestsellers in the markets.

The CX3 connectors are available for RG6/59 cables as F male and IEC male/female connectors to fit almost any drop cable in Europe.

The CX3 compression for RG11/7 cables is a really unique (patented) construction. Please see the article on next page.

### More information on the new packaging system

As written in the last issue of the Cabelcon newsletter the new packaging system for hardline connectors has now become visible in the market.

There have been a few questions from our customers that we will clarify here, as the subjects might be relevant to other users as well.

All pin connectors are supplied with a cap to protect the pin from damage during transportation. In addition to this the new boxes also offer a strong and sturdy protection. They are made of double pasteboard and each of them is

capable of holding a person weighting 100 kg!

The sealed bags open easily, which is practical and convenient for the installer when operating under difficult physical conditions.

A complete list for download containing item number, barcodes and item/bulk is found on our website [www.cabelcon.dk](http://www.cabelcon.dk). Please follow the link from our main page "**Information on new packaging system**". Here you will also find more information about the packaging system.

## Article

### CX3 RG11 and RG7 - intelligent and powerful compression connectors

The UV resistant POM is specially designed to complete the compression process with both the strength and the flexibility that is needed to form a strong and tight connection.

The CX3 RG11 and RG7 compression connectors have a compression principle that brings about the best features of the connectors in a safe and easy system. It ensures high installation security, an excellent mechanical and electrical performance - and a watertight connection. This is illustrated in this article:

#### The moveable pin

The CX3 RG11/7 feature a moveable pin. The pin is protected in the body during transportation; a simple and strong protection that leaves the pin perfectly centred.

#### A visual indication

The moveable pin visually indicates, when the cable is placed correctly in the connector, as the pin is pushed forward in place by the cable. The conical opening on the back part of the pin ensures that the inner conductor of the cable is always correctly centred in the connector. The grip on the inner conductor obtained hereby alone, provides a pull strength up to 8 kg.

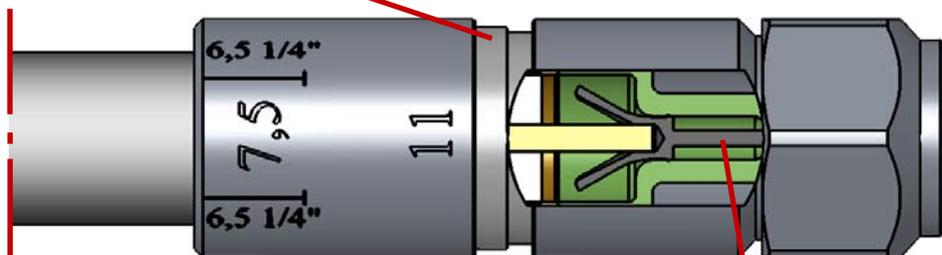
#### A sensitive compression

When the compression ring is pushed forward over the plastic part of the body, the plastic body seals 360° around the cable. Thanks to the properties of the strong yet flexible UV resistant POM composite the plastic part provides a 360° contact to the inner conductor.

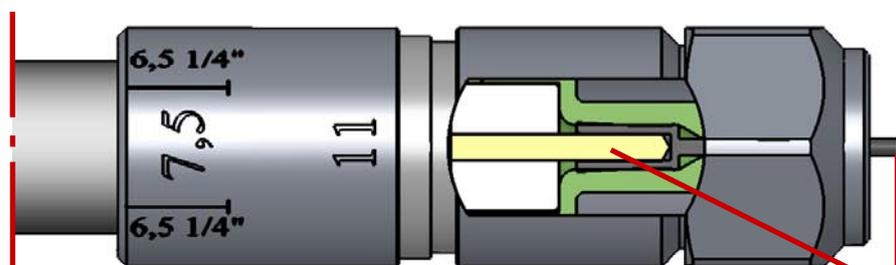
The flexibility also means that the connector accepts cables with varying dimensions while ensuring a watertight connection from the cable end.

Also the pull strength is high - a guarantee for a strong connection whatever the climatic changes.

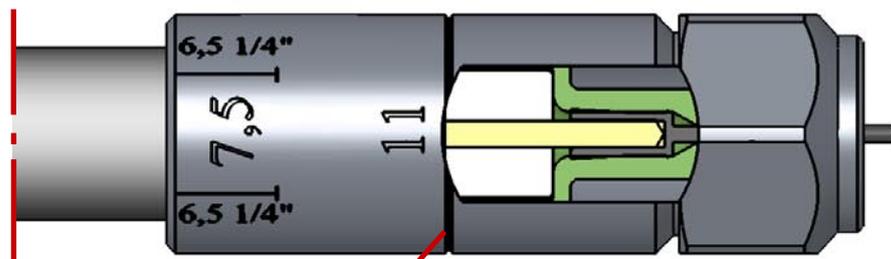
The smooth contact between the



1. The pin is protected inside the body until the cable is inserted



2. When the cable is inserted, the pin is pushed into position by the inner conductor



3. And then the connector is compressed

conducting parts obtained by this construction makes the transfer impedance low – less than 0.2 mOhm/connector within the return path band (5 – 30 MHz). This is important for the screening efficiency for connectors used in return path applications.

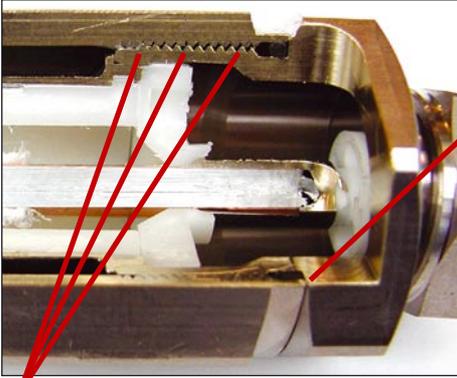
#### Free spinning nut with O-ring

The free spinning nut ensures easy tightening where space is limited and also rotations on the cable are avoided. When the nut is tightened the EPDM

O-ring between the nut and the front part of the connector prevents water immersion from the front side. Thus the connection is completely watertight without any additional sealing.

The CX3 RG11/7 are indeed examples of a well coordinated development where form and function compliment each other in an intelligent and powerful connector, that is able to stand up to extreme climatic changes for ages.

## Innovations



*The Multithread ensures a proper tightening until mechanical stop no matter how difficult the working conditions are, as less force is needed.*

The three-start thread idea originates from the plumbing business, where it has been used for years. Plumbers often work under difficult circumstances, having problems working with their tools.

Corning Cabelcon is known as a frontrunner and has over the last decade introduced many new designs, specially composed materials, a unique plating and not least new and better testing standards and methods to ensure a thorough quality in the market.

This is a problem they share with the installers of CATV equipment. And that is why Corning Cabelcon has refined the three-start thread technique to work on connectors.

*The Multithread shown on an opened CX4 connector. The thread tightens 3 places at the same time*

The drive behind these innovations is a professional attitude combined with curiosity and a determination to solve unnecessary difficulties in the connectorisation process. Simplicity and quality is the overall target we share with our customers.

By reducing the number of turns to tighten a nut to 1/3 of the normal turns a valuable timesaving has been obtained along with an easier work situation for the installer.

The multithread technique also reduces the force that is necessary to tighten until mechanical stop, which ensures a proper and lasting tightening.

Multithread is pat. pending in selected countries. Corning Cabelcon uses the Multithread system on the CX4 connectors.

## Profile

### Our man in Central and Eastern Europe

Radovan Šalek is our area manager for Central and Eastern Europe and his home base is located in Ostrava, Czech Republic. Radovan has an almost daily connection to our customers in many countries and he speaks fluently Czech, Russian, Polish as well as English. Beside the daily contact via phone, fax and e-mail, Radovan is also a frequent visitor to our customers. Many of our readers will know Radovan from our international exhibitions where he also takes part.

Radovan has been employed at Corning Cabelcon since 1996 and has just been awarded membership of the "Presidents Sales Club" by our parent company Corning Inc., USA, represented by Kathy Murphy (left) and Dave Johnson (right).



Obvious parallels known from other industrial areas inspire and accelerate the innovation process. An example of this is the Multithread technique.

## Announcement

### Upcoming exhibitions

#### EEBC 2004

Kiev, Ukraine  
Kiev International Exhibition Centre  
13 - 15 October, 2004

#### FDA 2004

Braedstrup, Denmark  
19 - 20 November 2004

In addition to these exhibitions, Cabelcon's products can be found on many other exhibitions around the world - represented by our local distributors and dealers.

Distributor: