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Product News

CXJ™ Jumper Cables to be Presented at ANGA



Examples of CXJ Trunk Jumpers

New ranges of CXJ jumper cables will be introduced at the ANGA Cable Show in Cologne. It concerns a brand new line of hardline cable assemblies – available with various interface combinations and in different lengths.

The cable used for these jumpers is a Low Loss 10 mm PE FRNC cable (flame retardant – non corrosive) manufactured especially for Cabelcon by leading European cable manufacturers.

The connectors used are newly designed high performance TripleGrip compression connectors, developed especially for these jumpers and only for factory installation.

We are also introducing our new high quality CXJ modem cables – especially developed for high speed data and modem applications.

Most are mounted with F connectors but they can also be supplied in versions with other interface combinations and in more lengths.

The return loss, IMD and transfer impedance specifications are excellent and the screening exceeds Class A requirements.

Another new group is the CXJ jumper cables for use in head end stations.

They are manufactured with high screening RG6 FRNC cables and mounted with our CX3 compression connectors.

CXJ Modem Jumper



These are also widely used by leading manufacturers of head end equipment and broadcast stations. Versions with BNC connectors are also available.

Finally we should also mention our range of jumper-leads for radio/tv applications – available in different lengths and various interface combinations.

Please ask for our new jumper folder and ask for data sheets on specific jumpers.

CXJ Jumpers for Radio-TV



CXJ Jumpers for Various Applications



Article

Climatic Tests – an Essential Shortcut to Artificial Ageing.

At Cabelcon we test the parameters on our products both before and after the climatic cycles in our environmental test chamber.

The natural aging changes the mechanical and electrical capabilities and performance over time in all materials. Metal and plastics mechanically move with the temperature changes and this influences the performance. Dielectric and cable jackets shrink over time. Further more the copper or aluminium outer conductor can be compressed by the connector.

There is a serious risk of degraded performance such as increased intermodulation, bad screening, poor return and insertion loss and even loosening of inner/outer seizing mechanism.

Quality in the design is therefore very important to ensure long lasting performance.

New Generation of Port Terminators

At ANGA Cable we are proud to release the next Cabelcon generation of 75 Ohm - 3.5/12M port terminators with power blocking.

The technical specifications are greatly enhanced. Return loss measurements are better than -32 dB @ $0.3 - 1000\text{ MHz}$.

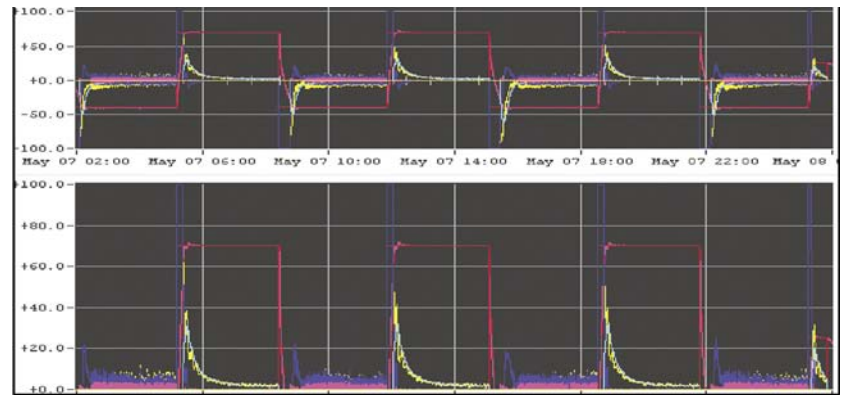
The mechanical size is small and therefore also very convenient to install in tight places.

The design is waterproof (IPX8, 30 meters/8 hours). Shielding efficiency is minimum 110 dB @ $30 - 862\text{ MHz}$.

Detailed datasheets are available on request.



Port Terminator,
Item number: 89490005



Example of test cycles

Therefore we “take the temperature” on our products before we make the final performance tests and release of our products.

Our climatic cycle test is carried out in accordance to IEC 60068-2-14, part 2, § 2. The cycles go from -40 to $+70\text{ °C}$ (cable limits) – normally with 4 hours at each extreme – with a quick shift-over of half an hour. This continues for about

80 hours and the result corresponds to many years of operation under normal conditions.

Only after these rigorous testing conditions the product can be given the “Cabelcon” name.

New Grounding System

Corning Cabelcon now introduce our new grounding rings to replace the former connectors with grounding screws. It is a flexible grounding solution, usable for all standard connectors.

Sizes will be released over time to cover most types of connectors and we will start with size no. 2.



Connector with new grounding ring

Announcements

New Territory Manager



Sergey O. Vykhodtsev, new Territory Manager for Russia and surrounding countries

We are happy to inform, that we have employed Sergey O. Vykhodtsev as our new territory manager for Russia.

Sergey is 40 years of age, was born in Ukraine, and comes from a job as Technical Director in a telecommunication company working with system integrations since 1999.

Earlier Sergey studied at the military academy and served in the Russian army space troops.

Sergey will start being responsible for Russia and over time also for surrounding countries.

Sergey will be located in our Moscow office and report to Radovan Salek.

Please join us in the welcoming of Sergey.

We are looking forward to see you at ANGA, stand no. B15



Picture of stand anno 2006

Upcoming exhibitions

Anga Cable 2007
Cologne - Germany
22 - 24 May 2007

FDA
Braedstrup - Denmark
November 2007

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: