



## Maser Communications (UK) Ltd

### Industrial Cable News

#### Belden Now Offers DataBus® and DeviceBus® Cables that Meet the Mitsubishi CC-Link Specification

IndustrialTuff data (3-conductor) and data with power (5-conductor) cables are certified for CC-Link systems. They perform to maximum system requirements.

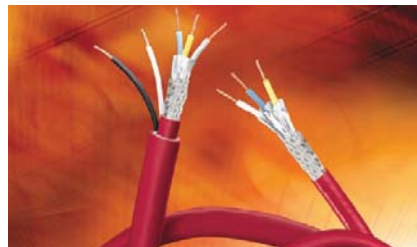
CC-Link is an open, field-level network protocol that provides for the high speed communication linking of a wide range of automation devices over a single cable.

CC-Link is already an established technology in Asia and is experiencing fast growth in both North America and Europe. A number of global standards organizations also recognise CC-Link technology, including the Semiconductor Equipment Manufacturers Institute which has identified CC-Link as an international standard for sensor/actuator networks (SEMI E54.12).

CC-Link technology is based on the use of an Application Specific Integrated Circuit (ASIC) available from Mitsubishi Electric Automation. This ASIC handles the complete data link and transport layers, thus assuring interoperability between devices.



Belden CC-Link cables are engineered specifically to meet the Mitsubishi CC-Link testing requirements. Belden Part No.1348A is a 3-conductor data cable with 20 AWG stranded (7x28) bare copper conductors. Belden Part No.1349A is a 5-conductor data and power cable with three 20 AWG stranded (7x28) bare copper conductors and two 18 AWG stranded (7x26) bare copper conductors. Both cables feature foam HDPE insulations, overall Beldfoil and 78% tinned copper braid shields, 22 AWG (19x34) tinned copper drain wires and red PVC jackets.



These 300V, 110 ohm cables are available from stock in 1,000 ft. lengths.



#### Alpha Wire announces UL approval on its enhanced XTRA-GUARD® 4 cables for sub zero applications

XTRA•GUARD 4 has always been well regarded for its performance in both high and low temperature environments that demanded strong resistance to oils, chemicals, solvents or fuels, as well as environments requiring low halogenated cables. However, the physical attributes of the cable also meant that it was quite stiff and inflexible. This latest revision, with its unique jacket material, answers the flexibility issue without any compromise on other attributes of the cable. This improved flexibility also means that the cable is easier to handle and route, making installation more efficient in terms of time and cost.

XTRA•GUARD 4 demonstrates excellent flexibility across the full operating temperature range +125°C to -50°C making it perfect for a variety of applications including:

- Sporting events, military applications and temporary wiring during emergencies or short term events
- Process control for factories, industrial equipment, such as lathes, mills and cutting tools, and as wiring on construction equipment
- Refrigerated areas and freezers
- Arctic applications
- Construction equipment and vehicles



Alpha Wire website [www.alphawire.com](http://www.alphawire.com)

Volume 1, Issue 6  
Summer 2007

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Special Product  
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## Maser Group News

### About Us

Established in 1983, the Maser Group has grown into a multi-national company with offices in Australia, New Zealand, UK and France.

**Maser Communications (UK)** has been chosen by Belden as their UK partner and specialist "Master distributor" for the supply of their extensive range of cables to the Broadcast and Pro-Audio/Video markets in the UK and the Republic of Ireland in 2000.



Volume 1, Issue 6

Summer 2007

**BELDEN**  
SENDING ALL THE RIGHT SIGNALS

Cable Solutions



Cable Solutions

**Dekoron**  
Wire & Cable, Inc.

Cable Solutions

**TROMPETER**  
a STRATOS company

Connectivity

### Maser (UK) can now offer Dekoron Wire and Cables

Dekoron are the Instrumentation experts in the Wire and Cable industry. They are also the market leader in the design, manufacture and supply of multi-pair instrumentation, control, and thermocouple extension cables to meet all International industry standards.

Dekoron have developed thousands of variations of instrument wire and the superior specifications of Dekoron cable feature 300V & 600V voltage rating, direct burial, heat and fire resistant cables. Conductor sizes range between 0.5mm<sup>2</sup>, 1.5mm<sup>2</sup>, 2.5mm<sup>2</sup> & 4mm, and types from 1 pair up to 100 pairs are standard.

Special manufacturing techniques also allow custom cable designs from as little as 300 metres to 3000m in continuous lengths, and provide economic solutions to meet customer specific requirements. Dekoron are also renowned to offer some of the shortest manufacturing lead-times in the industry (generally 3 to 4 weeks ex works).

Dekoron products are used in large scale industrial control systems in industries including:

- Oil refining
- Petrochemicals
- Mining & Exploration
- Water Treatment Plants
- Oil & gas production & processing
- Power generation
- Chemicals
- Paper
- Steel & metal processing
- Bio Fuels

Maser, would welcome the opportunity to quote your requirements, especially non-standard special instrumentation enquiries.

Contact us today on Ph: 01329 835 480 or sales@masercomms.co.uk

### Maser UK Online Cable Sales Website

Maser Communications (UK) Ltd has a new online cable website [www.masercable.com](http://www.masercable.com)

The Masercable website is designed as a free online resource, assisting customers to find exactly what they are looking for, whether it is a specific product, a product range, or just information on Maser's suppliers. This new website allows customers to search for products whether they know the manufacturer, part number or just know the type of product they are looking for.

Up to date product news and industry news, as well as monthly special product offers are also included on the website.

[www.masercable.com](http://www.masercable.com) is a quick, easy solution to solving your cable requirements, take a look today!

### In Brief

- Belden has recently launched their new full European catalogue. To download this catalogue go to [www.masercable.com](http://www.masercable.com)
- Maser is attending **IBC 2007** (RAI Convention Centre, Amsterdam) with Belden on 7th-11th September
- **Receive your newsletters by email rather than post!** Write an email to [sales@masercomms.co.uk](mailto:sales@masercomms.co.uk) with "change to email" in the subject
- If you think a colleague would like to receive copies send their details to [sales@masercomms.co.uk](mailto:sales@masercomms.co.uk)