

Maser Newsletter

Maser Solves Cable Degradation Issue For Queensland Oil Refinery

Maser Communications (Australia) have supplied a series of specialist steel wire armoured cables to a Queensland Oil Refinery. After suffering through issues associated with cable degradation, the end user outlined their requirement for a robust cable construction and Maser was quick to identify a steel wire armoured solution that would provide the necessary mechanical protection.

"The Australian market has become accustomed to steel wire armoured cables being available locally for instrumentation, power and control applications" says Greg Terry, Maser Projects and Contracts Manager. "When it comes to requirements outside this common group, the market perception is that solutions are only available on long lead-times or with excessive MOQ's. This is not the case at all and in many instances Maser are supplying as little as 305 metres within 2 weeks for common protocols including Category 5e, Category 6 and RS-485, right through to industrial protocols like Fieldbus, Profibus and Devicenet"

Maser understand that harsh cable environments extend past the instrumentation level and through partnerships with the world's leading cable manufacturers, Maser can offer an armoured solution for a wide variety of applications. Call Maser today for a quote on protecting the forgotten layers of your cable infrastructure.

For more information, please contact Maser on 1300 130 722 or email at sales-cable@maser.com.au

Maser DEKABON—The Only Choice For Lead Free Cable

With growing concern over the environmental and health issues related to lead, end users are searching for a responsible alternative to lead sheathed cables without comprising the long term reliability of their cable.

This concern has led a Victorian Oil Refinery to DEKABON, Dekoron's innovative and more environmentally friendly alternative to lead sheath technology. "The refinery wanted to source a lead free cable and were surprised when Maser offered a relatively in-expensive solution" says Maser Communications General Manager, Matt Young. "The client had the impression that environmental responsibility would come at a cost however DEKABON provides economic benefits beginning from the cost of the cable and continuing through to installation. When you consider that DEKABON is available as instrumentation, control or thermo-couple cable and can be ordered in as little as 300m, you would have to ask why any end user is still using a lead sheathed product".

The DEKABON cable design is based on the use of the hermetically sealed patented copolymer coated Aluminium tape, bonded to a polymer over-sheath. Main features and benefits;

Corrosion resistance – Patented co-polymer, which forms a critical part of the bonded or laminate construction, prevents aluminium from chemical attack, prevents corrosion and provides extended service life versus bare metal sheaths.

Mechanical properties – DEKABON technology, Co-polymer – Aluminium – Polymer Sheath, combines the properties of the different materials and generates a synergistic effect where strength of shielding tape is combined with flexibility of polymer.

Electrical properties – Aluminium tape closely matches screening effectiveness of 2mm thick lead, while external steel armour improves reduction factor values.

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Wire & Cable, Inc.

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Dialight

AlphaWire
Cables you trust. Service you deserve.

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We look forward to working with you

Australia • New Zealand • United Kingdom • Europe



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Maser Supplies High Performance Cable For Critical Application

Maser Communications (Australia) have supplied Alpha Wire XTRAGUARD 1 and XTRAGUARD FLEXIBLE for a terminal station servicing the outer south-eastern corridor of Melbourne.

Alpha Wire XTRAGUARD is a range of high performance electronic cables that provide a powerful solution for critical applications, "Our client's brief was very specific and XTRAGUARD met every criteria" says Maser Communications General Manager, Matt Young. "XTRAGUARD cables are 'hazard-matched' to survive in the most demanding environments. Remember, a cable is not just a cable".

XTRAGUARD cables deliver extreme performance and systems reliability in the worlds most extreme environments, including heat, cold, abrasion, flexing, immersion in oils, chemicals, solvents and fuels, UV exposure, EMI/RFI interference, and direct burial.



Power Station Lights the LED Way

Maser Communications have finalised an agreement with a large NSW power station to supply Dialight Industrial LED fixtures for all future general area and task lighting applications.

Early in 2009 the power station undertook trials to decide whether LED fixtures were a feasible, cost effective alternative to certain on-going issues with their current lighting solution.

After consultation with Maser Communications, several areas of the plant were selected and the LEDPAK and SAFESITE series were positioned alongside traditional fittings.

Matt Young, General Manager of Maser Communications, said "Apart from the obvious benefits associated with LED lighting; a reduction in operating & maintenance costs, shock & vibration proof and instant on/off - the improvement in light quality was the major benefit that the customer could not ignore. The rugged solid-state design of these LED fixtures creates a new era where failed lamps and expensive re-lamping costs will become a thing of the past."

LED technology continues to improve and the expanding range of fixtures available from Maser Communications offer innovative reliability and performance for the industrial end-user.

The LEDPAK series offers practical alternative to fluorescent lighting for walkways, gantries, workshops & storerooms. The LEDBRIGHT and SAFESITE series come in 150W and 250W equivalents for specific task, worksite or access illumination.



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