



Dow Electrical & Telecommunications

## Trends Influence Cable Compound Design



The Information and Communication Technologies (ICT) industry is incredibly fast-paced with new devices and demands surfacing in quick succession. Cable compound design is directly impacted by these trends and is often pushed to its limits to meet growing market needs that include improved:

- Signal efficiency
- Low attenuation
- Ease of installation
- Insulation efficiency
- Crack resistance
- UV resistance
- Mechanical strength

Dow Electrical & Telecommunications (Dow E&T) addresses these trends with the Dow AXELERON™ family of products that includes a wide-ranging portfolio of solid and cellular insulation and jacketing compounds for coaxial, copper LAN/ twisted pair and fiber optic wire and cable applications. Bringing more than 40 years' expertise to the ICT marketplace, Dow E&T is a solutions provider that focuses on meeting our customers' most critical current and emerging product and system performance needs as well as meeting and improving product manufacturing requirements like processing efficiency and quality consistency.

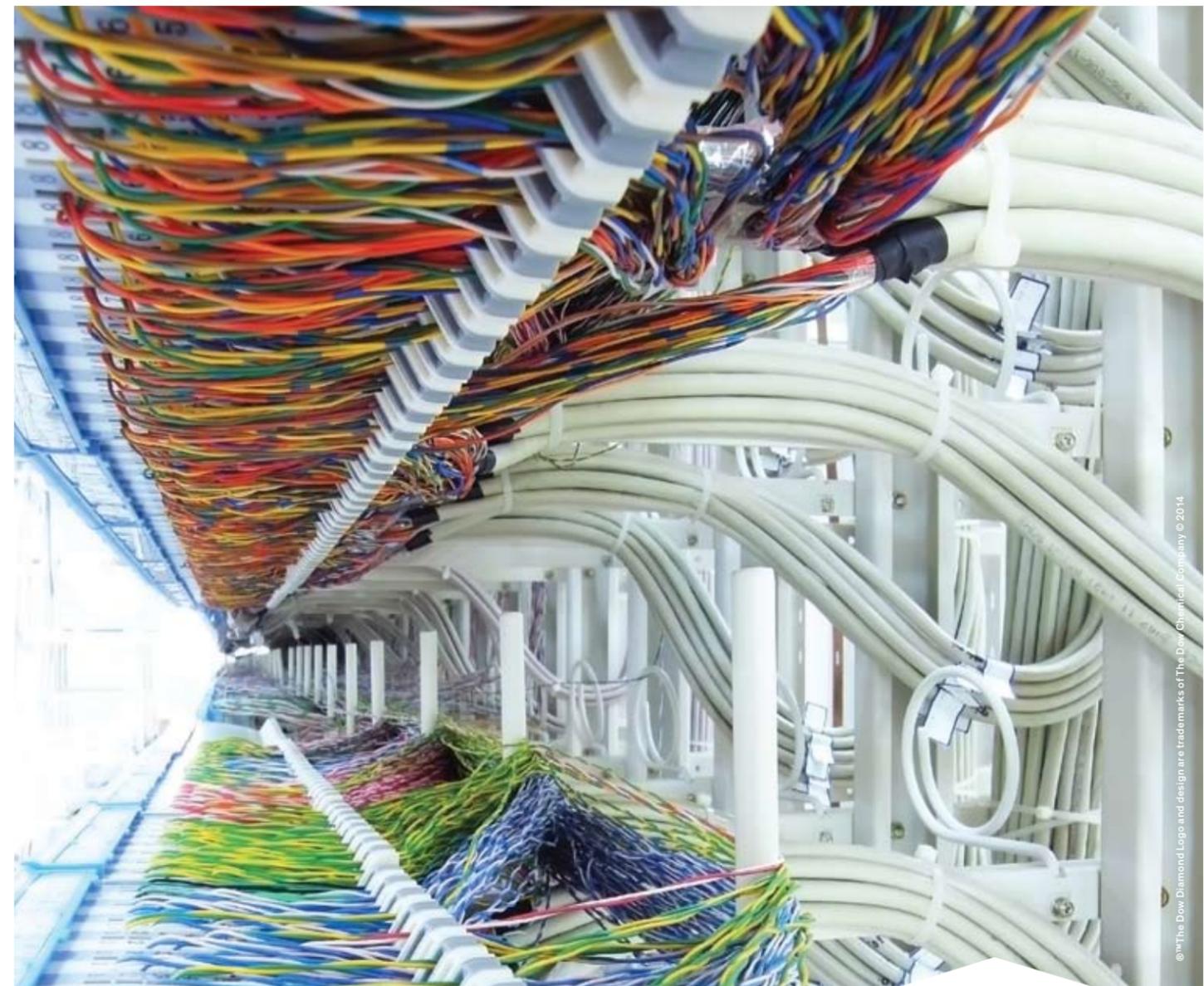
### Building Momentum for the Future

The need for solutions that speed up data communications persists within the ICT industry. Dow E&T will continue accelerating benefits that address those requirements in order to help both cable makers and end users achieve success. The materials science-enabled products in the Dow AXELERON™ family, exemplify the promise and commitment to utilize our experience and expertise to bring solutions to market at the pace that the industry demands.



**AXELERON™**

Contact your Dow representative or visit [www.dowaxeleron.com](http://www.dowaxeleron.com) for more information.



## THERE'S A LOT OF WIRE IN THE WIRELESS WORLD.

Sometimes it's what you don't see that matters.

Wireless devices require hard-wired networks with reliable signal transmission and strength. Hidden behind the scenes in data centers, businesses and homes are miles of wire installed each year to support these networks. In fact, Dow Electrical & Telecommunications provides enough solid insulation annually, for copper twisted pair applications alone, to circle the Earth 1,000 times.

When it's critical to ensure quality connections and consistent network performance, you can count on Dow for solutions that support your customers now and in the future.

Ask us about our entire product family of Dow AXELERON™ solid and cellular insulation and jacketing solutions that support the wireless world.

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Call your Dow representative or visit [www.dowaxeleron.com](http://www.dowaxeleron.com).



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