



How can we help **improve power and telecom systems?**

Electrical power and telecommunications play critical roles in everyday life. Virtually everyone can benefit from these invaluable resources – from individuals and families to communities, business, and government.

Even so, there's much that can be improved. With more than 70 years of experience and a strong commitment to advancing a circular economy, Dow offers high-quality materials to help develop power and telecom cables that address the demands of current and future generations.

How does Dow make a difference in wire and cable?

As one of the world's largest polyethylene (PE) suppliers, we work closely with other members of the power and telecom value chains to help identify evolving needs and develop the right materials to address them.

Let's take a closer look:

- **Advanced Performance:** Better materials last longer. Dow's rich portfolio of wire and cable compounds helps create opportunities for improved operational efficiency, longer service life, and lower total life cycle costs. One example? Our flagship material for medium voltage (MV) insulation offers 5 to 80 times better transmission efficiency and nearly five times longer life expectancy compared to competitive products.⁽¹⁾
- **Versatile Capabilities:** We offer an incredible range of jacketing, insulation, and semiconductive (semicon) materials – covering all power voltage classes and virtually every type of telecom cable, as well as flame retardant options. All backed by decades of material science know-how; excellent R&D capabilities; rigorous quality control; exceptional technical and customer service; and integrated, global operations.
- **Collaborative Innovation:** Bringing together diverse perspectives helps create a more complete understanding of what's important. We're thrilled to be helping develop power and telecom options that address society's ongoing needs alongside those of our planet.

Want to learn more about our exciting power and telecom offerings?

Please [visit us online](#) or contact a Dow representative.

Did you know?

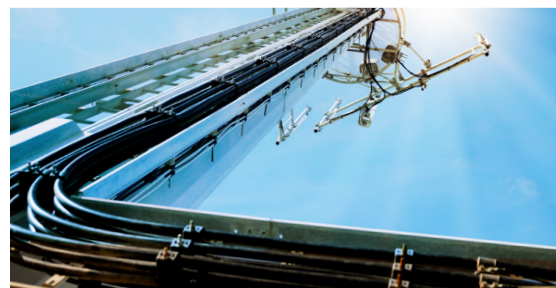
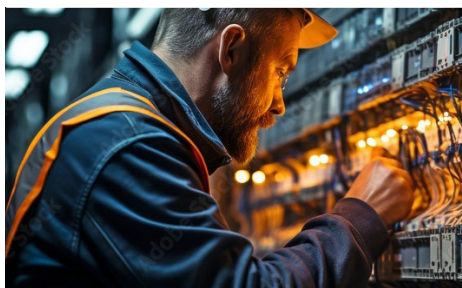
Innovative materials from Dow are **helping improve connectivity** by supporting ultra-high density fiber optic cable performance along with faster, easier installation and expansion.

Another recent breakthrough is helping **decarbonize high and extra-high voltage (HV/EHV) cable** manufacturing while maintaining excellent, long-term performance.

We're helping lead the way to the incorporation of **post-consumer recycled (PCR) plastic** in cable jacketing.

The exceptional performance, durability, and longevity of our wire and cable materials make them a great choice to help fulfill the promise of **renewable energy**.

Dow's power and telecom options can also help address the challenges of **long-distance power transmission, hyperscale data centers, wildfire mitigation**, and much more.



⁽¹⁾Typical values, not to be construed as specifications. Users should confirm results by their own tests.

©™Trademark of The Dow Chemical Company ("Dow") or an affiliated company of Dow

NOTICE: No freedom from infringement of any patent owned by Dow or others is to be inferred. Because use conditions and applicable laws may differ from one location to another and may change with time, Customer is responsible for determining whether products and the information in this document are appropriate for Customer's use and for ensuring that Customer's workplace and disposal practices are in compliance with applicable laws and other government enactments. The product shown in this literature may not be available for sale and/or available in all geographies where Dow is represented. The claims made may not have been approved for use in all countries. Dow assumes no obligation or liability for the information in this document. References to "Dow" or the "Company" mean the Dow legal entity selling the products to Customer unless otherwise expressly noted. NO WARRANTIES ARE GIVEN; ALL IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ARE EXPRESSLY EXCLUDED.

THIS INFORMATION IS OFFERED IN GOOD FAITH FOR YOUR CONSIDERATION, BUT WITHOUT GUARANTEE OR WARRANTY (EXPRESS OR IMPLIED), AS ANALYTICAL CONDITIONS AND METHODS OF USE OF THE INFORMATION AND MATERIALS DESCRIBED HEREIN MAY VARY AND ARE OUT OF DOW'S CONTROL. ALTHOUGH THIS INFORMATION IS BASED ON DATA DOW BELIEVES TO BE RELIABLE AND ACCURATE, WE DO NOT INTEND FOR YOU TO USE, AND YOU THEREFORE SHOULD NOT CONSTRUE, THE CONTENTS OF THIS DOCUMENT AS BUSINESS, TECHNICAL OR ANY OTHER FORM OF ADVICE. WE RECOMMEND YOU DETERMINE THE SUITABILITY OF THE INFORMATION AND MATERIALS DESCRIBED HEREIN BEFORE ADOPTING OR USING THEM ON A COMMERCIAL SCALE. DOW ASSUMES NO LIABILITY IN CONNECTION WITH THE USE OF THIS INFORMATION.

This document is intended for global use.
© 2024 The Dow Chemical Company