

INNOVATION



WIND
POWER

Power Accessories 145 kV

Awareness

The ecological awareness in our society is increasing. To produce more sustainable energy, governments are taking concrete actions to transition to renewable energy.

Growing demand

As renewable energies are rising, wind turbines need to produce more and more electricity. To do so, their size is significantly increasing, leading to higher voltage levels. Nexans can provide power accessories adapted to those new generation turbines and act as an energy transition pioneer.



Connecting:

- Transformer
- Switchgear
- Transition pieces



Power Accessories

145 kV

The enhanced **outer cone** for voltages up to **145 kV** is not just an improved interface F; it is a refined version of the well-established interface used in Nexans outer cone connectors up to 170 kV. Specifically tailored for **high voltage applications**, this design offers **compactness and reliability**.

- **Compact design**

Thanks to its unique compact design, the **new outer cone 145 kV** facilitates easy installation and ensures **reliability**. Its smaller footprint allows for **effortless installation** even in confined spaces. Additionally, this design feature helps **minimize bending forces** on the switchgear or transformer, enhancing overall operational reliability and safety.

- **High performance with EPDM**

Nexans employs top-quality materials, as **EPDM rubber**, for its connectors. The incorporation of an embedded **semi-conductive outer layer** ensures a safe touch without any compromise on electrical performances. EPDM also provides a **robust outer protection** guaranteeing the longevity of the accessory.

- **Easy maintenance**

Nexans T-connectors' design enables an effortless removal during maintenance or servicing, even after extended periods of use. By simply pushing out the connector from the bushing and using a standard torque wrench for fastening unscrewing, the process is streamlined. Moreover **EPDM rubber** ensures an easy removal even after prolonged periods of use.

