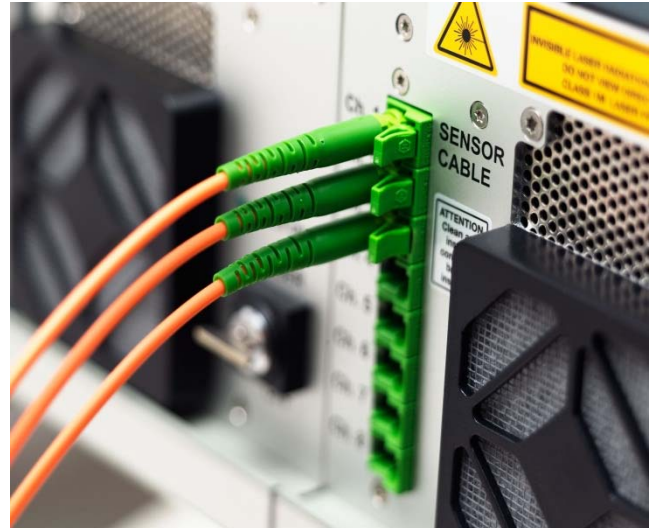


## DTS Equipment

### Manufactured in Germany



Temperature monitoring is a key factor for the management of underground power transmission and distribution installations. Conductor temperature can be affected by load, thermal soil resistivity, power line configuration, adjacent cables and other sources of heat. Our Distributed Temperature Sensing (DTS) systems measure multiple points across the network and are designed to cancel out interference that may influence the conductor temperature reading.

This Real Time Thermal Rating (RTTR) solution enables you to continuously monitor the temperature of a high voltage cable circuit in real time and therefore safely utilise the existing network capacity to its maximum.



One single DTS unit provides fast temperature sensing profiles with high spatial resolution along the cable route - monitoring ranges of up to 40km per channel.