

Contact

Cables for Energy Networks
Phone: 01908 250839
sales.energynetworks@nexans.com

CAT-1

Description

The **CAT-1 Transmission Line Monitoring System** allows accurate real time rating of overhead transmission lines, by monitoring the mechanical tension of both ruling span sections at a deadend structure.

Sags, clearances, and average conductor temperature are all directly related to CAT-1 measurements.

With line data from your EMS/SCADA system, an actual line rating is calculated.

Real time transmission line ratings provide by far the fastest and most economical solution to increasing transmission line thermal ratings while ensuring network reliability, done at a fraction of the cost and installation time of physical upgrades or line construction.



Standards

International Nexans specification