



# Requirements for Parallel Supports of Dual-Cable Bridges

It specifies the requirements and testing for cable support systems, which are intended to support and house cables, as well as other electrical resources in electrical installations or communication systems.

In the 2017 NEC, parallel conductors inside an auxiliary gutter must be grouped together to prevent current imbalance in the paralleled conductors due to inductive reactance.

This document is a guide for the design, installation, and protection of insulated wire and cable systems in substations with the objective of helping to minimize cable failures and their consequences.

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Abstract: The design, installation, and protection of wire and cable systems in substations are covered in this guide, with the objective of minimizing cable failures and their consequences.

This document provides recommendations for suitable physical protection of cable circuits crossing bridges and their effect on cable ratings for different cable installation scenarios together with ...

The parameters that must be checked are: Conduit Fill, Cable Configuration, Minimum Bending Radius, Cable Jamming Potential, Cable Clearance, Maximum Pulling Tension, and Sidewall Bearing ...

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The bridges had originally been designed to carry four railway tracks on the lower deck, two for ordinary trains and two for the Shinkansen. However, due to the ...

Among the first major cable-stayed bridges were the Albert bridge in London (1873, span 122 m) and the Stefanik Bridge in Prague (1868-1949, span 100 m), both designed by Rowland Ordish.

When paralleling conductors, you must install them in accordance with the requirements in Sec. 310-4. This rule permits you to connect each phase, neutral, or grounded circuit conductor (No. 1/0 and ...

Purpose: To advance knowledge concerning methods of analysis, design, erection and materials utilization for cable supported bridges and component parts; to stimulate research and disseminate ...

Appendix A shows example input statements used to define the parameters discussed above to build a dual



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cable support problem for analysis by GTSTRUDL. Complete test cases will be ...

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