



ATIS-0600039

**Outside Plant Enclosures and
Assemblies – Fire Resistance Test**

AMERICAN NATIONAL STANDARD FOR TELECOMMUNICATIONS



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ATIS-0600039, *Outside Plant Enclosures and Assemblies – Fire Resistance Test*

Is an American National Standard developed by the ATIS Network Physical Protection (NPP) Subcommittee under the ATIS Sustainability in Telecom: Energy and Protection Committee (STEP).

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American National Standard for Telecommunications

Outside Plant Enclosures and Assemblies - Fire Resistance Test

Alliance for Telecommunications Industry Solutions

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American National Standards Institute, Inc.

Abstract

The purpose of this standard is to provide fire protection risk assessment criteria for equipment enclosures and assemblies used in communications network equipment outside plant environments. Products intended to be mounted at a height greater than 9 m (30 ft) above the ground (roof of a building) as listed in the manufacturer's installation guide, or products with an internal volume less than 0.225 m³ (8 ft³), are exempt from physical testing, however rationale for the exemption must be included in a test report.

Foreword

The information contained in this Foreword is not part of this American National Standard (ANS) and has not been processed in accordance with ANSI's requirements for an ANS. As such, this Foreword may contain material that has not been subjected to public review or a consensus process. In addition, it does not contain requirements necessary for conformance to the Standard.

The Alliance for Telecommunications Industry Solutions (ATIS) serves the public through improved understanding between providers, customers, and manufacturers. The Sustainability in Telecom: Energy and Protection (STEP) Committee – formerly the Network Interface, Power, and Protection Committee (NIPP) – engages industry expertise to develop standards and technical reports for communications equipment and environments in the areas of energy efficiency, environmental impacts, power, and protection. The work products of STEP enable vendors, operators, and their customers to deploy and operate reliable, environmentally sustainable, energy-efficient communications technologies. STEP is committed to proactive engagement with national, regional, and international standards development organizations and forums that share its scope of work.

The test procedures in this standard are hazardous. Testing should only be performed by trained personnel in a manner compliant with all local codes.

ANSI guidelines specify two categories of requirements: mandatory and recommendation. The mandatory requirements are designated by the word *shall* and recommendations by the word *should*. Where both a mandatory requirement and a recommendation are specified for the same criterion, the recommendation represents a goal currently identifiable as having distinct compatibility or performance advantages.

Suggestions for improvement of this document are welcome. They should be sent to the Alliance for Telecommunications Industry Solutions, STEP, 1200 G Street NW, Suite 500, Washington, DC 20005.

At the time of consensus on this document, STEP, which was responsible for its development, had the following leadership:

- E. Gallo, STEP Chair (Ericsson)
- J. Fuller, STEP Vice Chair (AT&T)
- C. Von Hagel, STEP-NPP Chair (Intertek)
- C. Forbes, STEP-NPP Vice Chair (NTS)

The Network Physical Protection (NPP) Subcommittee was responsible for the development of this document.

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