

- [Home Home](#)
- [About this portal](#)
- [Latest updates](#)

  

[Save](#)

[Resource detail](#)

[Citations](#)

## AS/NZS IEC 60332.3.22:2017 Tests on electric and optical fibre cables under fire conditions - Part 3.22: Test for vertical flame spread of vertically-mounted bunched wires or cables - Category A

[View on Information Provider website](#)

Abbreviation

AS/NZS IEC 60332.3.22:2017

Valid from

30/06/2017

---

Information provider

Standards New Zealand

Author

Standards Australia, Standards New Zealand, International Electrotechnical Commission

Information type

New Zealand Standard

Format

PDF

---

### Description

This Standard specifies method of test for the assessment of vertical flame spread of vertically-mounted bunched wires or cables, electrical or optical, under defined conditions.

The test is intended for type approval testing.

The requirements for the selection of cables for testing are given. The flame spread is measured as the extent of damage of the cable sample. This procedure may be used to demonstrate the ability of the cable to limit flame spread.

Covers category A and relates to cables installed on the test ladder to achieve a nominal total volume of non-metallic material of 7 l/m of test sample. The flame application time is 40 min.

The method of mounting uses the front of the ladder, a standard or wide ladder being used for cables having a conductor cross-section greater than 35 mm<sup>2</sup> according to the number of test pieces required, and a standard ladder for conductor cross-sections 35 mm<sup>2</sup> and smaller. The category is intended for general use where high volumes of non-metallic material are required to be evaluated. A recommended performance requirement is also given.

Identical to and reproduced from IEC 60332-3-22, Ed 1.1:2008.

For assistance with locating previous versions, please contact the information provider.

[View on Information Provider website](#)

For assistance with locating previous versions, please contact the information provider.

This resource is not cited by any other resources.

## **AS/NZS IEC 60332.3.22:2017 Tests on electric and optical fibre cables under fire conditions - Part 3.22: Test for vertical flame spread of vertically-mounted bunched wires or cables - Category A**

This document is not CITED BY any other resources:

Back

## **AS/NZS IEC 60332.3.22:2017 Tests on electric and optical fibre cables under fire conditions - Part 3.22: Test for vertical flame spread of vertically-mounted bunched wires or cables - Category A**

Show what documents this resource is CITED BY

Show what documents this resource CITES

### Description

This Standard specifies method of test for the assessment of vertical flame spread of vertically-mounted bunched wires or cables, electrical or optical, under defined conditions.

The test is intended for type approval testing.

The requirements for the selection of cables for testing are given. The flame spread is measured as the extent of damage of the cable sample. This procedure may be used to demonstrate the ability of the cable to limit flame spread.

Covers category A and relates to cables installed on the test ladder to achieve a nominal total volume of non-metallic material of 7 l/m of test sample. The flame application time is 40 min.

The method of mounting uses the front of the ladder, a standard or wide ladder being used for cables having a conductor cross-section greater than 35 mm<sup>2</sup> according to the number of test pieces required, and a standard ladder for conductor cross-sections 35 mm<sup>2</sup> and smaller. The category is intended for general use where high volumes of non-metallic material are required to be evaluated. A recommended performance requirement is also given.

Identical to and reproduced from IEC 60332-3-22, Ed 1.1:2008.

[View on Information Provider website](#)

[AS/NZS IEC 60332.3.22:2017 Tests on electric and optical fibre cables under fire conditions - Part 3.22: Test for vertical flame spread of vertically-mounted bunched wires or cables - Category A](#)

### Description

This Standard specifies method of test for the assessment of vertical flame spread of vertically-mounted bunched wires or cables, electrical or optical, under defined conditions.

The test is intended for type approval testing.

The requirements for the selection of cables for testing are given. The flame spread is measured as the extent of damage of the cable sample. This procedure may be used to demonstrate the ability of the cable to limit flame spread.

Covers category A and relates to cables installed on the test ladder to achieve a nominal total volume of non-metallic material of 7 l/m of test sample. The flame application time is 40 min.

The method of mounting uses the front of the ladder, a standard or wide ladder being used for cables having a conductor cross-section greater than 35 mm<sup>2</sup> according to the number of test pieces required, and a standard ladder for conductor cross-sections 35 mm<sup>2</sup> and smaller. The category is intended for general use where high volumes of non-metallic material are required to be evaluated. A recommended performance requirement is also given.

Identical to and reproduced from IEC 60332-3-22, Ed 1.1:2008.

[View on Information Provider website](#)

This resource does not cite any other resources.

# AS/NZS IEC 60332.3.22:2017 Tests on electric and optical fibre cables under fire conditions - Part 3.22: Test for vertical flame spread of vertically-mounted bunched wires or cables - Category A

This resource does not CITE any other resources.

Back

Close

## Table of Contents

Print

[Save](#)

Email

[Feedback](#)


- [Contact us](#)
- [Privacy policy](#)
- [Disclaimer](#)
- [Copyright](#)


[Feedback](#)