

AUSTRALIAN COMMUNICATIONS INDUSTRY FORUM

Amendment No. 1/2002

to

AS/ACIF S008:2001

Requirements for authorised cabling products

REVISED TEXT

The 2001 edition of AS/ACIF S008 is amended as follows; the amendments should be inserted in the appropriate places.

SUMMARY: This Amendment applies to Clauses 3, 5.7.1, 5.7.2.1 and 5.7.2.2

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Page 6 Clause 3

Delete Reference [29] and *replace* with:

[29] IEC 60794-1-2-F5B:1999 Water Penetration Test

This Amendment forms part of the Standard on publication.

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Page 17 Clause 5.7.1

Delete the first sentence and *replace* with:

Clause 5.7.2 applies to all types of cables excluding blown fibre tube systems except where otherwise stated.

This Amendment forms part of the Standard on publication.

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Page 17 Clause 5.7.2.1

Delete Clause 5.7.2.1 and *replace* with the following:

- 5.7.2.1 Cable
- 5.7.2.1.1 Cables solely intended for telecommunications purposes **shall not** be of a design or type commonly used for mains power.
- 5.7.2.1.2 Outdoor cable intended to be installed underground **shall** comply with the requirements for Water Penetration specified in IEC 60794-1-2-F5B [29].
- 5.7.2.1.3 Where a recognisable telecommunications cable does not exist or the cable is designed for Multidiscipline use (e.g. designed for special applications such as MIMS cable), the requirements in Clause 5.10 are applicable.
- 5.7.2.1.4 The outer tube or sheath of an underground blown fibre tube **shall** comply with—
- (a) the requirements of IPX8 of AS 1939 [6]; and
 - (b) the sheath requirements of Clause 5.7.2.2.2 or Clause 5.7.2.2.3.

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Page 17 Clause 5.7.2.2

Delete Clause 5.7.2.2 and replace with the following:

5.7.2.2 Insulation and sheath materials

5.7.2.2.1 Telecommunications use

The insulation and sheath materials used **shall** be suitable for telecommunications use.

5.7.2.2.2 Non-PVC insulation and sheath

Non-PVC insulation and sheath materials **shall** comply with the requirements of AS 1049 [2] for—

- (a) Tensile Strength Test (Aged/Unaged);
- (b) Elongation Test (Aged/Unaged);
- (c) Shrinkback Tests for that particular type of insulation and sheathing; and
- (d) Cables exposed to UV radiation for sheath of outdoor cable only.

Compliance with Clause 5.7.2.2.2 (d) is determined by the manufacturer's declaration.

5.7.2.2.3 PVC insulation and sheath

PVC insulation and sheath materials **shall** comply with—

- (a) the requirements of Table 1 and Table 2; and
- (b) the requirements of AS 1049 [2] for Cables exposed to UV radiation for outdoor cable only.

Compliance with Clause 5.7.2.2.3 (b) is determined by the manufacturer's declaration.

This Amendment forms part of the Standard on publication.

- End of Amendment No. 1-