



ISO/IEC 24702

Edition 1.0 2009-09

INTERNATIONAL STANDARD

AMENDMENT 1

Information technology – Generic cabling – Industrial premises



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FOREWORD

Amendment 1 to International Standard ISO/IEC 24702 was prepared by subcommittee 25: Interconnection of information technology equipment, of ISO/IEC joint technical committee 1: Information technology.

6.2.2 Environmental classification

Replace the second paragraph of this subclause by the following new text:

Certain environments (e.g. nuclear, chemical, fire, explosive, damage risk from animals, salt mist) demand additional requirements beyond those of this clause. Further details on specific environments are given in ISO/IEC TR 29106.

Table 2 – Details of environmental classification

Replace the row starting with EFT/B (comms) by the following new row:

EFT/B (comms)	500 V	500 V	1 000 V
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6.3.3.1 General

Replace the second and third paragraphs including all the bullet points by the following:

This International Standard uses the optical fibre cabling channel Classes of clause 8 of ISO/IEC 11801 (2002), that is:

- Class OF-300 channels support applications listed in Annex E using cabled all-silica optical fibres in accordance with 8.4.1 to a minimum of 300 m;
- Class OF-500 channels support applications listed in Annex E using cabled all-silica optical fibres in accordance with 8.4.1 to a minimum of 500 m;
- Class OF-2000 channels support applications listed in Annex E using cabled all-silica optical fibres in accordance with 8.4.1 to a minimum of 2 000 m.

In addition, this standard specifies the following Classes for optical fibre cabling channels:

- Class OF-25 channels support applications listed in Annex E using cabled plastic optical fibre in accordance with 8.4.2 to a minimum of 25 m;
- Class OF-50 channels support applications listed in Annex E using cabled plastic optical fibre in accordance with 8.4.2 to a minimum of 50 m;
- Class OF-100 channels support applications listed in Annex E using cabled plastic or plastic clad silica optical fibres in accordance with 8.4.2 and 8.4.3 respectively to a minimum of 100 m;
- Class OF-200 channels support applications listed in Annex E using cabled plastic or plastic clad silica optical fibres in accordance with 8.4.2 and 8.4.3 respectively to a minimum of 200 m;
- Class OF-5000 channels support applications listed in Annex E using cabled all-silica optical fibres in accordance with 8.4.1 to a minimum of 5 000 m;