

# TECHNICAL REPORT

## RAPPORT TECHNIQUE

**Fire performance of communication cables installed in buildings**

**Tenue au feu des câbles de communication installés dans les bâtiments**



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ELECTROTECHNICAL  
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**FIRE PERFORMANCE OF COMMUNICATION  
CABLES INSTALLED IN BUILDINGS**

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IEC/TR 62222, which is a technical report, has been prepared by subcommittee 46C: Wires and symmetric cables, of IEC technical committee 46: Cables, wires, waveguides, r.f. connectors, r.f. and microwave passive components and accessories.

This second edition cancels and replaces the first edition published in 2005. It constitutes a technical revision.

The 2005 technical report was the first attempt in understanding the potential fire hazards concerning new installations where large quantities of data cable are involved. Although it is important to remember that data cables will probably not spontaneously combust and offices are still filled with other highly flammable products, the increase of "flood wiring" should be a building design concern. This second edition attempts to align all the installation guides found and further improve safety with fire and its possible transmission. Projects that formed the

overall direction of the 2005 edition have been taken into account, enabling an overall general improvement of the document..

The text of this technical report is based on the following documents:

Enquiry draft	Report on voting
46C/959/DTR	46C/962/RVC

Full information on the voting for the approval of this technical report can be found in the report on voting indicated in the above table.

This publication has been drafted in accordance with the ISO/IEC Directives, Part 2.

The committee has decided that the contents of this publication will remain unchanged until the stability date indicated on the IEC web site under "<http://webstore.iec.ch>" in the data related to the specific publication. At this date, the publication will be

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