

TECHNICAL REPORT



Guidance on fungus resistance of optical fibre cables

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This document was drafted in accordance with ISO/IEC Directives, Part 2, and developed in accordance with ISO/IEC Directives, Part 1 and ISO/IEC Directives, IEC Supplement, available at www.iec.ch/members_experts/refdocs. The main document types developed by IEC are described in greater detail at www.iec.ch/publications.

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GUIDANCE ON FUNGUS RESISTANCE OF OPTICAL FIBRE CABLES

1 Scope

This document provides information about fungal growth on the outer sheath of optical fibre cables and on the inner components of the cable. It also provides guidance for specifying fungus resistance performance of optical cable outer sheath and internal cable components, including recommendations for fungus resistance test method as well as evaluation after test.

This document applies to optical fibre cables for use with telecommunication equipment and devices employing similar techniques, and to hybrid telecommunication cables having a combination of both optical fibres and electrical conductors.

Since conditions suitable for fungal growth include high relative humidity and a warm atmosphere, the document is applicable to optical cables intended for transportation, storage and use under such environment over certain period, for instance, some days at least.

2 Normative references

There are no normative references in this document.