Swedish Communication Optical Cable Specifications and Standards



Overview

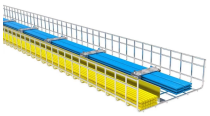
The object of this document is to establish uniform generic requirements for the geometrical, transmission, material, mechanical, ageing (environmental exposure), climatic and electrical properties of optical fibre cables and cable elements, where appropriate. Read more about SIS Subscriptions Standarden ersätter delvis tidigare fastställd svensk standard SS-EN IEC 60794-1-23, utg 2:2020 med eventuella tillägg, ändringar och rättelser, som ej gäller fr o m 2027-03-06 för denna nya standards omfattning. Optical fibre cables - Part 1-311: Generic. stacles regarding interoperability and compatibility between manufacturers. This work materialized through the development of good practices, procedures and specifications documents, reflecting a certain state of the art at a given time, and the result of a consensus of all stakeholders (op lable. IEC 60794-1-1:2023 applies to optical fibre cables for use with communication equipment and devices employing similar techniques. Electrical properties are specified for optical ground wire (OPGW) and optical phase conductor (OPPC) cables. Other types of applications requiring similar types of cables can be considered. Installation methods covered by this document include underground ducts, trenchless technique, blowing in

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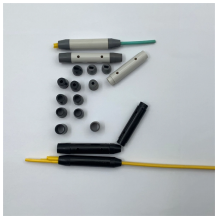
microducts, aerial installation.

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	This European Standard harmonises the standardisation of symmetrical, coaxial and optical cables used for the infrastructure of communication, multimedia and control networks.
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	IEC 60794-3-12:2012 is a detailed specification for duct and directly buried optical telecommunication cables for use in premises cabling to ensure compatibility with ISO/IEC 11801 and ISO/IEC 24702.

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	IEC TR 62691:2016 (E) which is a Technical Report, gives recommendations for handling and installing optical fibre cables on metropolitan communication networks.
	SS-EN 50551-1 Simplex and duplex cables to be used for cords - Part 1: Blank Detail Specification and minimum requirements SS-EN 60793-1-42 Optical fibres - Part 1-42: Measurement methods and test ...
	IEC 60794-3:2014 specifies the requirements for optical fibre cables and cable elements which are intended to be used externally in communications networks. Other types of applications requiring ...
	Readers of this document are encouraged to seek information on specific matters regarding Optical cables and components from the manufacturer or provider and to consider the Technical Standards ...
	This edition includes the following significant technical changes with respect to the previous edition: - replacement of references and information from ISO/IEC 24702 and ISO/IEC 11801 with ISO/IEC ...

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