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British Standard

Optical fibres and cables

Part 1. Specification for general requirements

Fibres optiques et câbles
Partie 1. Prescriptions générales

Optische Fasern und Kabel
Teil 1. Allgemeine Anforderungen

British Standards Institution

Foreword

This Part of BS 6558 has been prepared under the direction of the Electronic Components Standards Committee. This Part specifies the general requirements and describes the methods of test for optical fibres and cables. The requirements for specific classes of optical fibres and cables are specified in other Parts of BS 6558.

There is no significant optical radiation hazard to the public from the use of fibre optic systems. However, there may be hazards to personnel involved in testing, installation or maintenance procedures and attention is drawn to the safety aspects discussed in appendix A.

This British Standard does not specify requirements for the establishment of quality assurance by quality control procedures which will ensure that the product will comply with this standard and this is usually the responsibility of the manufacturer. It is not intended that all tests listed should be carried out on every length of optical fibre or cable manufactured, but that a suitable quality plan should be agreed for the particular product and application, by the time of ordering.

Certain requirements and methods of test in this new field are still at the development stage. At present they are given in the appropriate appendices. When suitable methods of test have been developed, these requirements will be incorporated into the main body of the standard.

Compliance with a British Standard does not of itself confer immunity from legal obligations.