



**STANDARD FOR
INDOOR OPTICAL FIBER CABLE**

ANSI/ICEA S-83-596-2016

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FOREWORD

ICEA Standards are adopted in the public interest and are designed to eliminate misunderstanding between the manufacturer and user and to assist the user in selecting and obtaining proper products for his particular need. Existence of an ICEA Standard does not in any respect preclude the manufacture or use of products not conforming to the Standard.

The user of this Standard is cautioned to observe any applicable health or safety regulations and rules relative to the manufacture and use of cable made in conformity with this Standard. This Standard hereafter assumes that only properly trained personnel using suitable equipment will perform manufacture, testing, installation and maintenance of cables defined by this Standard.

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An official written interpretation will be provided.

This revision to the Standard was approved by ICEA on June 3, 2015. The members of the ICEA Communications Cable Section, Working Group 596, who participated in this project, were:

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This issue replaces the previous issue, ANSI/ICEA S-83-596-2010, *ICEA Standard for Indoor Optical Fiber Cable*. Major changes in this revision include the following:

- Addition of new fiber types and reformatting of the fiber out-references
- Discussion of attributes and addition of tests for Bend Insensitive multimode and single-mode fibers.
- Inclusion of internationally-agreed criteria for long-term fiber strain.

NOTE – The format of the Tables of this issue of the document has been modified from the previous issue and generally follows that of IEC Directives Part 2.