

STANDARD CONFORMANCE

- IEC 60331-11, Tests for electric cables under fire conditions- Circuit integrity- Fire alone at a flame temperature of at least 750C
- IEC 60331-21, Tests for electric cables under fire conditions- Circuit integrity- Cables of rated voltage upto and including 0.6/1.0kv
- IEC-60793-1-20, Measurement Methods and Test Procedures- Fiber Geometry
- IEC-60793-1-21, Measurement Methods and Test Procedures- Coating Geometry
- IEC-60793-1-22, Measurement Methods and Test Procedures- Length Measurement
- IEC-60793-1-30, Measurement Methods and Test Procedures- Fiber Proof Test
- IEC-60793-1-31, Measurement Methods and Test Procedures- Tensile Strength
- IEC-60793-1-32, Measurement Methods and Test Procedures- Coating Strippability
- IEC-60793-1-33, Measurement Methods and Test Procedures- Stress Corrossion Susceptability
- IEC-60793-1-34, Measurement Methods and Test Procedures- Fiber Curl
- IEC-60793-1-40, Measurement Methods and Test Procedures- Attenuation
- IEC-60793-1-41, Measurement Methods and Test Procedures- Bandwidth
- IEC-60793-1-43, Measurement Methods and Test Procedures- Numerical aperture
- IEC-60793-1-44, Measurement Methods and Test Procedures- Cutoff wavelength
- IEC-60793-1-45, Measurement Methods and Test Procedures- Mode Field Diameter
- IEC-60793-1-46, Measurement Methods and Test Procedures- Monitoring of changes in optical transmittance
- IEC-60793-1-47, Measurement Methods and Test Procedures- Macrobending loss
- IEC-60793-1-52, Measurement Methods and Test Procedures- Change of temperature
- IEC-60793-1-53, Measurement Methods and Test Procedures- Water Immersion
- IEC-60794-2-1, Generic Specifications : Optical Fiber Cables Part 1-1

- IEC 60793-2, Optical fibers -Product Specifications
- IEC-60794-4-1, Optical Fiber Cables : Part 4-1: Aerial Optical cables for high voltage power lines
- IEC 332-1, Part 1; Tests on Electrical Cables under fire conditions
- IEC 332-3, Tests on electrical cables under fire conditions, Part 3
- IEC 60793-1-1, Optical Fibers-Part-1-1 Measurement methods and test procedures -General and guidance
- IEC 60794-1-2, Optical Fiber cables

EIA-445 Fiber Optic Test Procedures (FOTPs)

(These are commonly known as "FOTPs" but are officially called "EIA-455-x, e.g. EIA-455-34 is FOTP-34)

- FOTP-3 Temperature Effects Measurement Procedure for Optical Fiber, Optical Cable, and Other Passive Components
- FOTP- 1 3 Visual and Mechanical Inspection of Fibers, Cables, Connectors, and Other Devices
- FOTP-20 Measurement of Change in Optical Transmittance
- FOTP-25 Repeated Impact Testing of Fiber Optic Cables and Cable Assemblies
- FOTP-27 Fiber Diameter Measurements
- FOTP-28 Measurement of Dynamic Tensile Strength of Optical Fiber
- FOTP-31 Fiber Tensile Proof Test Method
- FOTP-33 Fiber Optic Cable Tensile Loading and Bending Test
- FOTP-37 Fiber Optic Cable Bend Test, Low and High Temperature
- FOTP-41 Compressive Loading Resistance of Fiber Optic Cables
- FOTP-43 Output Near Field Radiation Pattern Measurement of Optical Waveguide Fibers
- FOTP-45 Microscopic Method for Measuring Fiber Geometry of Optical

Waveguide Fibers

- FOTP-46 Spectral Attenuation Measurement (Long Length Graded Index Optical Fibers)
- FOTP-47 Output Far Field Radiation Pattern Measurement
- FOTP-48 Measurement of Optical Fiber Cladding Diameter Using Laser-Based Instruments
- FOTP-49 Measurement for Gamma Irradiation Effects on Optical Fiber and Cables
- FOTP-50 Light Launch Conditions (Long Length Graded Index Fibers)
- FOTP-51 Pulse Distortion Measurement, Multimode Fiber
- FOTP-53 Attenuation by Substitution (Multimode Graded Index)
- FOTP-54 Mode Scrambler Requirements for Overfilled Launching Conditions (Multimode)
- FOTP-55 End View Methods for Measuring Coating and Buffer Geometry
- FOTP-56 Test Method for Evaluating Fungus Resistance of Optical Waveguide Fibers and Cables
- FOTP-57 Optical Fiber End Preparation and Examination
- FOTP-58 Core Diameter Measurements (Graded Index Fibers)
- FOTP-59 Measurement of Fiber Point Defects Using an OTDR
- FOTP-60 Measurement of Fiber or Cable Length Using an OTDR
- FOTP-61 Measurement of Fiber or Cable Attenuation Using an OTDR

- FOTP-62 Optical Fiber Macrobend Attenuation
- FOTP-63 Torsion Test for Optical Fiber
- FOTP-65 Flexure Test for Optical Fiber
- FOTP-66 Test Method for Measuring Relative Abrasion Resistance
- FOTP-68 Optical Fiber Microbend Test Procedure
- FOTP-69 Evaluation of Minimum and Maximum Exposure Temperature on the Optical Performance of Optical Fiber
- FOTP-71 Measurement of Temperature Shock Effects on Components
- FOTP-75 Fluid Immersion Test for Optical Waveguide Fibers
- FOTP-77 Procedure to Qualify a Higher-Order Mode Filter for Measurements of Single-mode Fibers
- FOTP-78 Spectral Attenuation Cutback Measurement (Single-mode)
- FOTP-80 Cutoff Wavelength of Uncabled Single-mode Fiber by Transmitted Power
- FOTP-81 Compound Flow (Drip) Test for Filled Fiber Optic Cable
- FOTP-82 Fluid Penetration Test for Fluid-Blocked Cable
- FOTP-83 Cable to Interconnecting Device Axial Compressive Loading
- FOTP-84 Jacket Self-Adhesion (Blocking) Test for Cables
- FOTP-85 Fiber Optic Cable Twist Test
- FOTP-86 Fiber Optic Cable Jacket Shrinkage
- FOTP-87 Fiber Optic Cable Knot Test
- FOTP-88 Fiber Optic Cable Bend Test
- FOTP-89 Fiber Optic Cable Jacket Elongation and Tensile Strength Test
- FOTP-91 Fiber Optic Cable Twist-Bend Test
- FOTP-92 Optical Fiber Cladding Diameter and Noncircularity Measurement by Fizeau Interferometry
- FOTP-94 Fiber Optic Cable Stuffing Tubing Compression
- FOTP-95 Absolute Optical Power Test for Fibers and Cables
- FOTP-96 Fiber Optic Cable Long-Term Storage Temperature Test for Extreme Environments
- FOTP-98 Fiber Optic Cable External Freezing Test
- FOTP-99 Gas Flame Test for Special Purpose Cable
- FOTP-100 Gas Leakage Test for Gas Blocked Cable
- FOTP-101 Accelerated Oxygen Test
- FOTP-102 Water Pressure Cycling
- FOTP-104 Fiber Optic Cable Cyclic Flexing Test
- FOTP-107 Return Loss for Fiber Optic Components
- FOTP-127 Spectral Characterization of Multimode Laser Diodes
- FOTP-162 Fiber Optic Cable Temperature-Humidity Cycling
- FOTP-164 Measurement of Mode Field Diameter by Far-Field Scanning (Single-mode)
- FOTP-165 Measurement of Mode Field Diameter by Near Field Scanning (Single-mode)
- FOTP-166 Transverse Offset Method
- FOTP-167 Mode Field Diameter Measurement, Variable Aperture Method in Far-Field
- FOTP-168 Chromatic Dispersion Measurement of Multimode Graded-Index and Single-mode Optical Fiber by Phase-Shift Method

- FOTP-169 Chromatic Dispersion Measurement of Optical Fibers by the Phase-Shift Method
- FOTP-170 Cable Cutoff Wavelength of Single-mode Fiber by Transmitted Power
- FOTP- 171 Attenuation by Substitution Measurement (Short Length Multimode Graded-Index and Single-mode)
- FOTP- 172 Flame Resistance of Firewall Connector
- FOTP- 173 Coating Geometry Measurement of Optical Fiber, Side-View Method
- FOTP- 174 Mode Field Diameter of Single-mode Fiber by Knife-Edge Scanning in Far-Field
- FOTP- 175 Chromatic Dispersion Measurement of Optical Fiber by the Differential Phase-Shift
- FOTP- 177 Numerical Aperture Measurement of Graded-Index Fiber
- FOTP- 178 Coating Strip Force Measurement
- FOTP- 179 Inspection of Cleaved Fiber End Faces by Interferometer
- FOTP- 180 Measurement of Optical Transfer Coefficients of a Passive Branching Device
- FOTP- 184 Coupling Proof Overload Test for Fiber Optic Interconnecting Devices
- FOTP- 185 Strength of Coupling Mechanism for Fiber Optic Interconnecting Devices
- FOTP- 186 Gauge Retention Force Measurement for Components
- FOTP- 187 Engagement and Separation/Force for Connector Sets
- FOTP- 188 Low-Temperature Testing for Components
- FOTP- 189 Ozone Exposure Test for Components
- FOTP- 190 Low Air Pressure (High Altitude) Test for Components
- FOTP-191 - Measurement of Mode Field Diameter of Single-Mode Optical Fiber
- FOTP-193 - Polarization Crosstalk Method For Polarization Maintaining Optical Fiber And Components
- FOTP-195 - Coating Geometry Measurement For Optical Fiber
- FOTP-196 - Guideline For Polarization-Mode Measurement In Single Mode Fiber Optic Components And Devices
- FOTP-197 Differential Group Delay Measurement Of Single-Mode Components And Devices By The Differential Phase Shift Method
- FOTP-200 Insertion Loss Of Connector zed Polarization-Maintaining Fiber Or Polarizing Fiber Pigtailed Devices And Cable Assemblies
- FOTP-201 Return Loss Of Connector zed Polarization-Maintaining Fiber Or Polarizing Fiber Pigtailed Devices And Cable Assemblies
- FOTP- 203 {Transceiver output pattern}
- FOTP- 204 {Restricted Modal Launch Bandwidth for Multimode Fibers}
- FOTP- 220 {Differential Modal Dispersion in Multimode Fiber - Pulse Broadening As A Function of Source Launch Offsets}

EIA-472 General Specification for Fiber Optic Cable

- EIA-472A Sectional Specification for Fiber Optic Communication Cables for Outside Aerial Use

- EIA-472B Sectional Specification for Fiber Optic Communication Cables for Underground and Buried Use
- EIA-472C Sectional Specification for Fiber Optic Communication Cables for Indoor Use
- EIA-472D Sectional Specification for Fiber Optic Communication Cables for Outside Telephone Plant Use
- EIA-4750000-B Generic Specification for Fiber Optic Connectors
- EIA-475C000 Sectional Specification for Type FSMA Connectors
- EIA-475CA00 Blank Detail Specification for Optical Fiber and Cable Type FSMA, Environmental Category I EIA-475CB00 Blank Detail Specification Connector Set for Optical Fiber and Cables Type FSMA, Environmental Category 11
- EIA-475CC00 Blank Detail Specification Connector Set for Optical Fiber and Cables Type FSMA, Environmental Category III
- EIA-475E000 Sectional Specification for Fiber Optic Connectors Type BFOC/2.5
- EIA-475EA00 Blank Detail Specification for Connector Set for Optical Fiber and Cables, Type BFOC/2.5, Environmental Category I
- EIA-475EB00 Blank Detail Specification for Connector Set for Optical Fiber and Cables, Type BFOC/2.5, Environmental Category 11
- EIA-475EC00 Blank Detail Specification for Connector Set for Optical Fiber and Cables, Type BFOC/2.5, Environmental Category III
- EIA-492AAAA Detail Specification for 62.5 micron Core Diameter/I 25 micron Cladding Diameter Class I A Multii-node, Graded Index Optical Waveguide Fibers
- EIA-5390000 Generic Specification for Field Portable Polishing Device for Preparation Optical Fiber
- EIA-5460000 Generic Specification for a Field Portable Optical Inspection Device, Combined EIA-NECQ Specification
- EIA-546A000 Sectional Specification for a Field Portable Optical Microscope for Inspection of Optical Waveguide and Related Devices
- EIA-587 Fiber Optic Graphic Symbols
- EIA-590 Standard for Physical Location and Protection of Below-Ground Fiber Optic Cable Plant
- EIA-598 Color Coding of Fiber Optic Cables