BUREAU OF INDIAN STANDARDS

Program of Work

LITD 11: Fibre Optics, Fibers, Cables And Devices

Scope: To prepare Indian Standard for fibre optics systems and associated components and devices

intended for use with communications equipment and devices employing similar techniques

Liaison: IEC TC-86 (P): Fibre optics IEC TC-86 SC-86A (P): Fibres and cables IEC TC-86

SC-86B (P): Fibre optic interconnecting devices and passive components IEC TC-86

SC-86C (O): Fibre optic systems and active devices IEC TC-86 (P): Terminology and

symbology **ISO TC-86 (P):** Fibre optic test equipment calibration **IEC TC-86 (P):** Quantum Optical Interconnects **IEC TC-86 (P):** Optical functionality for electronic assemblies **IEC TC-**

SC-SC 86 A (P): Fibres and associated measuring methods IEC TC- SC-SC 86

A (P): CABLES IEC TC- SC-SC 86 B (P): Standard tests and measurement methods for fibre optic interconnecting devices and passive components IEC TC- SC-SC 86 B (P): Standards and specifications for fibre optic interconnecting devices and related components IEC TC- SC-SC

86 B (P): Standards and specifications for fibre optic passive components IEC TC- SC-SC 86

B (**P**): Terminated Cable Assemblies **IEC TC- SC-SC 86 C** (**O**): Fibre optic communications systems and sub-systems **IEC TC- SC-SC 86 C** (**O**): Optical amplifiers and dynamic

modules IEC TC- SC-SC 86 C (O): Fibre optic active devices including optoelectronic

devices IEC TC- SC-SC 86 C (O): Fibre optic sensors

Published Standards

F					<u> </u>
S.No	IS No.	TITLE	Reaffirm M-Y	No. of Amds	Eqv.
1	IS 14624 (Part	Safety of laser products Part 2:		-	Identical under dual
	2):2025 Safety of optical fibre				numbering
	IEC 60825-2:2021	communication systems OFCSs			
	IEC 60825-2:2021	(Second Revision)			
2	IS 14976:2012	Calibration of fibre - Optic power	December, 2021	-	Identical under dual
	IEC	meters (First Revision)			numbering
	Reviewed In: 2021				
	IEC 61315: 2005				
3	IS 15077 (Part	Semiconductor Optoelectronic	July, 2022	-	Identical under dual
	1):2019	Devices for Fibre Optic System			numbering
	IEC 62007 - 1 : 2015	Applications Part 1 Specification			
	Reviewed In: 2022	Template for Essential Ratings and			
	IEC 62007: 2015	Characteristics (Second Revision			
)			
4	IS 15077 (Part	Semiconductor optoelectronic	September, 2024	-	Identical under dual
	2):2012	devices for fibre optic system			numbering
	IEC	applications: Part 2 measuring			
	Reviewed In: 2024	methods (First Revision)			
	IEC 62007-2: 2009				
5	IS 15480:2021	FIBRE OPTIC	February, 2024	-	Identical under dual
	IEC 60869-1: 2012	INTERCONECTING DEVICES	•		numbering
	Reviewed In: 2024	AND PASSIVE COMPONENTS			

		FIBRE OPTIC PASSIVE POWER CONTROL DEVICES PART 1: GENERIC SPECIFICATION FIRST REVISION			
6	IS 16180 (Part 1):2014 IEC Reviewed In : 2023 IEC 61754-1: 2013	Fibre optic interconnecting devices and pass4e components - Fibre optic connector interfaces: Part 1 general and guidance	November, 2023	-	Identical under dual numbering
7	IS 16282:2014 IEC 61930 : 1998 Reviewed In : 2023 IEC 61930 : 1998	Fibre Optic Graphical Symbology	September, 2023	-	Identical under dual numbering
8	IS 16283:2014 IEC 61931 : 1998 Reviewed In : 2023 IEC 61931 : 1998	Fibre Optic Terminology	November, 2023	-	Identical under dual numbering
9	IS 16285:2020 IEC 61745 : 2017 Reviewed In : 2023 IEC 61745 : 1998	End-face Image Analysis Procedure for the Calibration of Optical Fibre Geometry Test Sets (First Revision)	July, 2023	-	Identical under dual numbering
10	IS 16438:2021 IEC 61753-1: 2020 Reviewed In : 2024 IEC 61753-1: 2020	Fibre optic interconnecting devices and passive components Performance standard Part 1: General and guidance First Revision	February, 2024	-	Identical under dual numbering
11	2000	Fibre Optic Interconnecting Devices and Passive Components Performance Standard Part 2 Fibre Optic Connectors Terminated on Single-Mode Fibre for Category U Section 1 Uncontrolled environment	-	-	Identical under dual numbering
12	IS 16607:2018 IEC 62614 : 2010 Reviewed In : 2024 IEC 62614 : 2010	Fibre Optics â€" Launch Condition Requirements for Measuring Multimode Attenuation	October, 2024	-	Identical under dual numbering
13	IS 16625 (Part 1):2018 IEC 62496-1 : 2008 Reviewed In : 2024 IEC 62496-1 : 2008	Optical Circuit Boards Part 1 General	November, 2024	-	Identical under dual numbering
14	IS 16939:2018 Reviewed In: 2024	Optical Fibre Cables for Inside Premises (FTTx) Application	June, 2024	-	Indigenous
15	IS 17046:2018 Reviewed In: 2024	Fibre Optic Cable for Cable TV Application	October, 2024	-	Indigenous
16	IS/QC 210000:1994 Reviewed In : 2016 IECQC 210000	Connectors for Optical Fibres and Cables Generic Specification	February, 2016	-	Identical under single numbering
17	IS/IEC 60793-1-1):2022 IEC 60793-1-1:2022 IEC 60793-1-1:2022	Optical fibres Part 1 Measurement Methods and Test Procedures Section 1 General and Guidance (Second Revision)		-	Identical under single numbering
18	IS/IEC 60793-1-20:2014 IEC 60793-1-20 :	Optical fibres: Part 1 measurement methods and test procedures: Sec 20 fibre geometry (First Revision)	September, 2022	-	Identical under single numbering

	<u>-</u>			1	
	2014				
	Reviewed In: 2022				
	IEC 60793-1-20:				
	2014				
19	IS/IEC	Optical fibres: Part 1 measurement	December, 2024	-	Identical under single
	60793-1-21:2001	methods and test procedures: Sec			numbering
	Reviewed In: 2024	21 coating geometry			
	IEC 60793-1-21:				
	2001				
20	IS/IEC	Optical fibres: Part 1 measurement	December, 2021	-	Identical under single
	60793-1-22:2001	methods and test procedures: Sec			numbering
	Reviewed In: 2021	22 length measurement			
	IEC 60793-1-22:				
	2001				
21	IS/IEC	Optical fibres: Part 1 measurement	April, 2022	-	Identical under single
	60793-1-30:2010	methods and test procedures: Sec			numbering
	IEC	30 fibre proof test			
	Reviewed In: 2022				
	IEC 60793-1-30:				
	2010				
22	IS/IEC	Optical fibres: Part 1 measurement	April, 2022	-	Identical under single
	60793-1-31:2010	methods and test procedures: Sec			numbering
	IEC	31 tensile strength			
	Reviewed In: 2022				
	IEC 60793-1-31:				
	2010				
23	IS/IEC	Optical fibres: Part 1 measurement	June, 2022	-	Identical under single
	60793-1-32:2010	methods and test procedures: Sec			numbering
	IEC	32 coating strippABility			
	Reviewed In: 2022				
	IEC 60793-1-32:				
	2010				
24	IS/IEC	Optical Fibres Part 1 Measurement	June, 2022	-	Identical under single
	60793-1-33:2017	Methods and Test Procedures			numbering
	IEC 60793-1-33:	Section 33 Stress corrosion			
	2017	susceptibility (First Revision)			
	Reviewed In: 2022				
	IEC 60793-1-33:				
	2017				
25	IS/IEC	Optical fibres: Part 1 measurement	May, 2022	-	Identical under single
	60793-1-34:2006	methods and test procedures: Sec			numbering
	Reviewed In: 2022	34 fibre curl			
	IEC 60793-1-34:				
<u></u>	2006			1	
26	IS/IEC	Optical fibres: Part 1 measurement	April, 2019	-	Identical under single
	60793-1-40:2001	methods and test procedures: Sec			numbering
	Reviewed In: 2019	40 attenuation			
	IEC 60793-1-40:				
	2001				
27	IS/IEC	Optical fibres: Part 1 measurement	April, 2022	-	Identical under single
	60793-1-41:2010	methods and test procedures: Sec			numbering
	Reviewed In: 2022	41 bandwidth			
	IEC 60793-1-41:				
<u></u>	2010	_		 	
28	IS/IEC	Eror	April, 2022	-	Identical under single
	60793-1-42:2013				numbering
	IEC 60793-1-42 :				
	2013				
1	Reviewed In: 2022				
•	•			•	•

I	l IEC	1		ı	1
	IEC 60793-1-42:2013				
29	IS/IEC	Optical fibres: Part 1 measurement	January, 2025		Identical under single
29	60793-1-43:2015	methods and test procedures: Sec	January, 2023	_	numbering
	IEC 60793-1-43:	43 numerical aperture			numbering
	2015	measurement (First Revision)			
	Reviewed In: 2025	measurement (First Revision)			
	IEC 60793-1-43:2015				
30	IS/IEC	Ontical fibrace Part 1 massurament	Ilv. 2022	1	Identical under single
30		Optical fibres: Part 1 measurement	July, 2022	-	Identical under single
	60793-1-44:2011 IEC	methods and test procedures: Sec			numbering
	Reviewed In : 2022	44 cut - Off wavelength			
	IEC 60793-1-44:				
31	2011 IS/IEC	Optical Fibres Part 1 Measurement	February, 2023		Identical under single
31	60793-1-45:2017	Methods and Test Procedures	reditionly, 2025	-	_
	IEC 60793-1-45:	Section 45 Mode field diameter (numbering
	2017	`			
1	Reviewed In: 2023	First Revision)			
	IEC 60793-1-45:				
	2017				
32	IS/IEC	Optical fibres: Part 1 measurement	April, 2022		Identical under single
32	60793-1-46:2001	methods and test procedures: Sec	Aprii, 2022	_	numbering
		46 monitoring of changes in optical			numbering
	IEC	transmittance			
	60793-1-46:2001	transmitance			
33	IS/IEC	Optical Fibres Part 1 Measurement	December, 2022	-	Identical under single
	60793-1-47:2017	Methods and Test Procedures			numbering
	IEC 60793-1-47:	Section 47 Macrobending loss (
	2017	First Revision)			
	Reviewed In: 2022	·			
	IEC 60793-1-47:				
	2017				
34	IS/IEC	Optical Fibres Part 1 Measurement	December, 2022	-	Identical under single
	60793-1-48:2017	Methods and Test Procedures			numbering
	IEC 60793-1-48:	Section 48 Polarization mode			
	2017	Dispersion (First Revision)			
	Reviewed In: 2022				
	IEC 60793-1-48:				
	2017				
35	IS/IEC	Optical fibres: Part 1 measurement	April, 2019	-	Identical under single
	60793-1-49:2006	methods and test procedures: Sec			numbering
	Reviewed In: 2019	49 differential mode delay			
	IEC 60793-1-49:				
<u></u>	2006				
36	IS/IEC	Optical Fibres Part 1 Measurement	July, 2022	-	Identical under single
	60793-1-50:2014	Methods and Test Procedures			numbering
	IEC 60793-1-50 :	Section 50 Damp heat (steady			
	2014	state) tests			
	Reviewed In: 2022				
	IEC				
27	60793-1-50:2014	Onticel fibrace Post 1 m - comment	Juna 2024		Identical under simple
37	IS/IEC 60793-1-51:2014	Optical fibres: Part 1 measurement methods and test procedures: Sec	June, 2024	-	Identical under single
	IEC 60793-1-51 :	51 dry heat (Steady State) tests			numbering
	2014	(First Revision)			
	Reviewed In: 2024	(1 11St Kevisioii)			
	IEC 60793-1-51				
1	120 007/3 1 31	1		1	

I	:2014			I	I
38	IS/IEC	Optical fibres: Part 1 measurement	June, 2024	-	Identical under single
	60793-1-52:2014	methods and test procedures: Sec	,		numbering
	IEC 60793-1-52:	52 change of temperature tests			
	2014	(First Revision)			
	Reviewed In: 2024				
	IEC 60793-1-52:				
	2014				
39	IS/IEC	Optical fibres: Part 1 measurement	August, 2024	-	Identical under single
	60793-1-53:2014	methods and test procedures: Sec			numbering
	IEC 60793-1-53:	53 water immersion tests (First			
	2014	Revision)			
	Reviewed In: 2024				
	IEC 60793-1-53:				
10	2014		4 2022		*1
40	IS/IEC	Optical fibres: Part 1 measurement	August, 2022	-	Identical under single
	60793-1-54:2018	methods and test procedures: Sec			numbering
	IEC 60793-1-54 :	54 gamma irradiation (First			
	2018 Reviewed In : 2022	Revision)			
	IEC 60793-1-54:				
	2018				
41	IS/IEC	Optical fibres: Part 2 product	May, 2024	_	Identical under single
''	60793-2-60:2008	specifications: Sec 60: Secal	, 2021		numbering
		specification for category c single -			
	IEC 60793-2-60:	Mode intraconnection fibres			
	2008				
42	IS/IEC	Optical Fibre Cables Part 1		-	Identical under single
	60794-1-2:2021	Generic Specification Section 2			numbering
		Basic optical cable test procedures			
	IEC	- General guidance (Second			
	60794-1-2:2021	Revision)			
43	IS/IEC	Optical Fibre Cables Part 1		-	Identical under single
	60794-1-1):2023	Generic Specification Section 1			numbering
	IEC 60794-1-1:2023	General (Second Revision)			
	IEC				
11	60794-1-1:2023 IS/IEC	Onticel Eibre Cables Part 2 Indian			Identical under single
44	1S/IEC 60794-2-10):2023	Optical Fibre Cables Part 2 Indoor		-	Identical under single
	60794-2-10):2023 IEC	Optical Fibre Cables Section 10 Family specification for simplex			numbering
	60794-2-10:2023	and duplex cables (First Revision)			
	IEC	and duplox cables (1 list Revision)			
	60794-2-10:2023				
45	IS/IEC	Optical fibre cables Part 2 Indoor	February, 2024	-	Identical under single
	60794-2-11:2020	cables Section 11 Detailed	y / -		numbering
	IEC 60794-2-11:	specification for simplex and			
	2020	duplex cables for use in premises			
	Reviewed In: 2024	cabling First Revision			
	IEC 60794-2-11:				
	2020				
46	IS/IEC	Optical fibre cables Part 2 Indoor	February, 2024	-	Identical under single
	60794-2:2017	cables Sectional specification First			numbering
	IEC 60794-2: 2017	Revision			
	Reviewed In : 2024				
47	IEC 60794-2: 2017	Ontical Eller Call B + 2	Naus-1 2004		Identical and desired
47	IS/IEC 60794-3-10:2015	Optical Fibre Cables Part 3	November, 2024	-	Identical under single
	60/94-3-10:2015 IEC 60794-3-10:	Outdoor cables Section 10 Family specification for duct directly			numbering
	2015	buried or lashed aerial optical			
	2013	ouried of fasticu actial optical			

1	Reviewed In: 2024	telecommunication cables		I	1
	IEC 60794-3-10:				
	2015				
48	IS/IEC	Optical Fibre Cables Part 3	November, 2024	-	Identical under single
	60794-3-11:2010	Outdoor cables Section 11 Product			numbering
	IEC 60794-3-11:	specification for duct directly			
	2010	buried and lashed Aerial single-			
	Reviewed In: 2024	mode optical fibre			
	IEC 60794-3-11:	telecommunication cables			
	2010				
49	IS/IEC	OPTICAL FIBRE CABLES PART	July, 2024	-	Identical under single
		3 OUTDOOR CABLES SECTION			numbering
		21 PRODUCT SPECIFICATION			
	Reviewed In: 2024	FOR OPTICAL SELF-			
	IS/IEC	SUPPORTING AERIAL			
	60794-3-21:2	TELECOMMUNICATION			
		CABLES FOR USE IN			
		PREMISES CABLING			
50	IS/IEC	Optical Fibre Cables Part 3	May, 2024	-	Identical under dual
	60794-3-30:2008	Outdoor Cables Section 30 Family			numbering
	IEC 60794-3-30 :	specification for optical			
	2008	telecommunication cables for			
	Reviewed In: 2024	lakes, river crossings and coastal			
	IEC 60794-3-30:	applications			
L	2008				
51	IS/IEC	Optical Fibre Cables Part 4	December, 2024	-	Identical under single
	60794-4-20:2018	Sectional specification Section 20			numbering
	IEC 60794-4-20:	Aerial optical cables along			
	2018	electrical power lines Family			
	Reviewed In: 2024	specification for ADSS all			
	IEC 60794-4-20:	dielectric self-supported optical			
-50	2018	cables	A 2024		T1 4 1 1 1 1
52	IS/IEC	Fibre Optic Interconnecting	August, 2024	-	Identical under dual
	60874-1:2011	Devices and Passive Components			numbering
	Reviewed In : 2024	â€" Connectors for Optical Fibres and Cables Part 1 Generic			
	Decision taken to	Specification			
	Reaffirm and	Specification			
	Archive IEC				
	60874-1 : 2011				
53	IS/IEC	Fibre optic interconnecting devices	August, 2021		Identical under single
	60875-1:2015	and pass4e components - Non -	August, 2021	_	numbering
	IEC 60875-1 : 2015	Wavelength - Select4e fibre optic			numbering
	Reviewed In : 2021	branching devices: Part 1 generic			
	IEC 60875-1 :2015	specification			
54		Fibre optic interconnecting devices	September, 2024	_	Identical under single
	60876-1:2014	and pass4e components - Fibre	50pto111001, 2027		numbering
	000/01.2017	optic spatial switches: Part 1			numbering .
	Reviewed In: 2024	generic specification (First			
	IEC 60876-1: 2014	Revision)			
55	IS/IEC 61744:2005	CALIBRATION OF FIBRE		_	Identical under single
	IEC 61744: 2005	OPTIC CHROMATIC			numbering
	IEC 61744: 2005	DISPERSION TEST SETS			8
56	IS/IEC 61746:2005	CALIBRATION OF OPTICAL	April, 2021	-	Identical under single
	Reviewed In: 2021	TIME-DOMAIN	r,		numbering
	IEC 61746 : 2010	REFLECTOMETERS(OTDR)			6
57	IS/IEC	Calibration of optical time-domain	April, 2021	-	Identical under single
	61746-2:2010	reflectometers (OTDR) Part 2	<u>.</u> ,		numbering
	IEC 61746 : 2010	OTDR for multimode fibres			
I		ı		I	1

	1	1	1		
	Reviewed In: 2021				
	IEC 61746-2: 2010				
58	IS/IEC 61757:2018	Fibre Optic Sensors - Generic	July, 2023	-	Identical under single
	IEC 61757 : 2018	Specification			numbering
	Reviewed In: 2023				
	IEC 61757: 2018				
59	IS/IEC/TR	Optical Fibres â€" Guidance for	October, 2024	=	Identical under single
	62283:2010	Nuclear Radiation Test			numbering
	IEC 62283 : 2010				
	Reviewed In: 2024				
	IEC 62283: 2010				
60	IS/IEC 62538:2008	Categorization of Optical Devices	June, 2024	-	Identical under single
	IEC 62538 : 2008				numbering
	Reviewed In: 2024				
	IEC 62538 : 2008				
61	IS/IEC/TR	Fibre Optic Active Components	June, 2021	-	Identical under single
	62572-2:2008	and Devices - Reliability Standards			numbering
	IEC/TR 62572-2:	Part 2 Laser Module Degradation			
	2008				
	Reviewed In: 2021				
	IEC/TR 62572-2:				
	2008				

Standards under Development

	Projects Approved		
SI. No.	Doc No.	Title	
1	LITD 11 (28889)	Fibre Optic Cable for Cable TV Application Amendment - 1	

	Preliminary Draft Standards			
SI. No.	SI. No. Doc No. Title			
	No Records Found			

	Drafts Standards in WC Stage			
SI. No.	SI. No. Doc No. Title			
	No Records Found			

		Draft Standards Completed WC Stage
SI. No.	Doc No.	Title
1	LITD 11 (28609)	Optical fibres Part 1 measurement methods and test procedures Sec 46 monitoring of changes in optical transmittance first Revision
2	LITD 11 (28610)	Optical Fibres Part 1 Measurement Methods and Test Procedures Section 45 Mode field diameter Second Revision
3	LITD 11 (28613)	Optical fibres Part 1 measurement methods and test procedures Sec 44 cut - Off wavelength first Revision
4	LITD 11 (28614)	Optical fibres Part 1 Measurement Methods and Test Procedures Section 41 Bandwidth first Revision
5	LITD 11 (28617)	Optical fibres Optical fibres Part 1 measurement methods and test procedures Sec 34 fibre curl first Revision
6	LITD 11 (28620)	Optical fibres Part 1 measurement methods and test procedures Sec 32 coating strippABility first Revision
7	LITD 11 (28629)	Optical fibres Part 1 measurement methods and test procedures Sec 31 tensile strength First Revision
8	LITD 11 (28890)	Semiconductor Optoelectronic Devices for Fibre Optic System Applications Part 1 Specification

		Template for Essential Ratings and Characteristics Second Revision Amendment - 1
9	LITD 11 (28893)	Optical fibres Part 1 measurement methods and test procedures Sec 20 fibre geometry First
		Revision Amendment - 1

Finalized Draft Indian Standard		
SI. No.	Doc No.	Title
1	LITD 11 (27233) Revision	Calibration of Optical Time-Domain Reflectometers OTDR First Revision
	of: IS/IEC 61746:2005	
2	LITD 11 (27235) Revision	Calibration of Fibre Optic Chromatic Dispersion Test Sets First Revision
	of: IS/IEC 61744:2005	
3	LITD 11 (27236) Revision	Fibre optic interconnecting devices and passive components Non-wavelength-selective fibre optic
	of: IS/IEC 60875:2015	branching devices Part 1 Generic specification First Revision
4	LITD 11 (27237) Revision	Optical fibres Part 1-22 Measurement methods and test procedures - Length measurement First
	of: IS/IEC 60793:2001	Revision
5	LITD 11 (27239) Revision	Calibration of fibre - Optic power meters Second Revision
	of: IS 14976:2012	

Finalized Draft Indian Standards under Print			
SI. No.	Doc No.	Title	
1	LITD 11 (27238) Revision	Fibre optic connector interfaces Part 13 Type FC-PC connector First Revision	
	of: IS 16180:2018		

Total Published Standards:61 Total Standards Under development:16

Aspect Wise Report

Product: 20
Code of Practices: 6
Methods of Test: 31
Terminology: 2
Dimensions: 1
System Standard: 0
Safety Standard: 1
Others: 0

Service Specification: 0 Process Specification: 0 Unclassified: 0

Annexure-I :List of Indian Standards Withdrawn/Superseded

SI. No.	IS No. & Year	Title
1	IS 13616 (Part 2):2001	Fibre Optic Branching Devices Part 2 Sectional Specification - Non-Wavelength Selective
	IEC	Branching Devices
	Reviewed In: 2016	
2	IS 13715 (Part 1):1993	Fibre optic switches Part 1 Generic specification
	Reviewed In: 2013	
3	IS 13882 (Part 1):1993	Optical fibre cables Part 1 Generic specification
	IEC 794	
	Reviewed In: 2016 IEC	
	794 Part 1: 1993	
4	IS 13882 (Part 1/Sec	Optical Fibre Cables - Part 1 General Specification - Section 1 General
	1):2001	
	IEC	
	Reviewed In: 2016 IEC	
	60794-1-1 :1999	
5	IS 14755:1999	Recommended Practice for Information Technology Year 2000 Test Method

1	1 1	
6	IS 15056 (Part 1/Sec 1):2002 IEC	Optical Fibres - Part 1 General Specification - Sec 1 General
	Reviewed In : 2019 IEC 60793-1-1 (1995)	
7	IS 1885 (Part 83):1999	Electrotechnical Vocabulary - Part 83 Year 2000
8	IS/QC 210700:1998 Reviewed In : 2016 IECQC 210700	Connectors for Optical Fibres and Cables - Part 7 Sectional Fibre Optic Connector - Type FC
9	IS/IEC 60794-1-2:2017 IEC 60794-1-2: 2017 ISO 8254-1:2009	Optical fibre cables Part 1 Generic specification Section 2 Basic optical cable test procedures General guidance First Revision
10	IS/IEC 61757-1:1998 Reviewed In : 2018 IEC 61757-1: 1998	Fibre optic sensors Part 1 generic specification
11	IS/QC 810000:1994 Reviewed In : 2016 IECQC 810000	Fibre Optic Branching Devices Generic Specification

Annexure-II :List of Indian Product Standards

SI. No.	IS No. & Year	Title
1	IS 15077 (Part 1):2019	Semiconductor Optoelectronic Devices for Fibre Optic System Applications Part 1 Specification
	IEC 62007 - 1 : 2015	Template for Essential Ratings and Characteristics Second Revision
	Reviewed In: 2022 IEC	
	62007 : 2015	
2	IS 15480:2021	FIBRE OPTIC INTERCONECTING DEVICES AND PASSIVE COMPONENTS FIBRE OPTIC
	IEC 60869-1: 2012	PASSIVE POWER CONTROL DEVICES PART 1 GENERIC SPECIFICATION FIRST
	Reviewed In: 2024 60603-5	
3	IS 16438:2021	Fibre optic interconnecting devices and passive components Performance standard Part 1 General
	IEC 61753-1: 2020	and guidance First Revision
	Reviewed In: 2024 IEC TS	
	60870-5-7:2013	
4	IS 16625 (Part 1):2018	Optical Circuit Boards Part 1 General
	IEC 62496-1 : 2008	
	Reviewed In: 2024 IEC	
	62496-1 : 2008	
5	IS 16939:2018	Optical Fibre Cables for Inside Premises FTTx Application
	Reviewed In: 2024	
6	IS 17046:2018	Fibre Optic Cable for Cable TV Application
	Reviewed In: 2024	
7	IS/IEC 60793-2-60:2008	Optical fibres Part 2 product specifications Sec 60 Secal specification for category c single - Mode
	Reviewed In: 2024 IEC	intraconnection fibres
	60793-2-60: 2008	
8	IS/IEC 60794-1-1):2023	Optical Fibre Cables Part 1 Generic Specification Section 1 General Second Revision
	IEC 60794-1-1:2023	
9	IS/IEC 60794-2-10):2023	Optical Fibre Cables Part 2 Indoor Optical Fibre Cables Section 10 Family specification for
	IEC 60794-2-10:2023	simplex and duplex cables First Revision
10	IS/IEC 60794-2-11:2020	Optical fibre cables Part 2 Indoor cables Section 11 Detailed specification for simplex and duplex
	IEC 60794-2-11: 2020	cables for use in premises cabling First Revision
	Reviewed In: 2024 ISO	
	18611-2:2014	
11	IS/IEC 60794-2:2017	Optical fibre cables Part 2 Indoor cables Sectional specification First Revision

1	1	1
	IEC 60794-2: 2017	
	Reviewed In: 2024 ISO	
	17881-1:2016	
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	IEC 60794-4-20: 2018	power lines Family specification for ADSS all dielectric self-supported optical cables
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