



दूरसंचार विभाग, भारत सरकार

DEPARTMENT OF TELECOMMUNICATIONS, GOVERNMENT OF INDIA

दूरसंचार अभियांत्रिकी केंद्र

TELECOMMUNICATION ENGINEERING CENTRE

CERTIFICATE OF CONFORMITY ASSESSMENT

This is to certify that the product described below conforms to the Essential Requirement issued by TEC under Mandatory Testing and Certification of Telecom Equipment as per Telecommunications (Framework to Notify Standards, Conformity Assessment and Certification) Rules, 2025.

i.	*Certificate No.: 701105212	ii.	Dated: 26-Feb-2026
iii.	Certificate Category: Provisional	iv.	Certificate Type: NEW
v.	<b>APPLICANT:</b> Aksh Optifibre Limited, F-1080,Riico Industrial Area, Phase-III, Bhiwadi-301019, Rajasthan, India	vi.	<b>ORIGINAL EQUIPMENT MANUFACTURER:</b> Aksh Optifibre Limited, F-1080,Riico Industrial Area, Phase-III, Bhiwadi-301019, Rajasthan, India
vii.	<b>PRODUCT NAME:</b> Optical Fibre - Single Mode	viii.	<b>PRODUCT VARIANT:</b> Optical Fibre - G.657. A1
ix.	<b>PREVIOUS CERTIFICATE NO.:</b> NA	x.	<b>PREVIOUS CERTIFICATE ISSUED DATE:</b> NA
xi.	<b>MODEL NO.:</b> Aksh/ITU-T Rec. G.657A1/ Code: SMART-LOW BEND	xii.	<b>FAMILY NAME:</b> NA
xiii.	<b>ASSOCIATED MODEL NO.:</b> As given at Table-1 overleaf	xiv.	<b>INTERFACES TESTED:</b> NA
xv.	<b>SOFTWARE VERSION:</b> NA	xvi.	<b>HARDWARE VERSION:</b> NA
xvii.	<b>VALID FROM:</b> 26-Feb-2026	xviii.	<b>VALID UPTO:</b> 25-Feb-2028
xix.	<b>ER NO.:</b> TEC70112401	<p style="text-align: right;"><b>DIRECTOR (TC-1)</b> <b>K L Bhawan,</b> <b>Janpath, New Delhi - 110001</b></p>	
xx.	<b>EMI / EMC CLASS:</b> NA		
xxi.	<b>QR CODE:</b> 		

**Note:**

- \*1. This certificate is valid for product(s) manufactured in India only, as per the details at Table-3.
2. This certificate is issued for model/family name indicated at (xi) above and applicable for associated/ family model(s) mentioned at Table-1, overleaf only.
3. Bill of Material covered under this certificate is given at Table-4.
4. Terms & Conditions mentioned at MTCTE portal (<https://www.mtcte.tec.gov.in/>) shall be applicable.
5. This is a certificate of conformity against the parameters of Essential Requirements only prescribed for the product and does not substitute the requirements of NSDTS (National Security Directive on Telecommunication Sector).

Table-1

List of Associated/Family Models	
i.	Nil



Table-2

List of Interfaces Tested



Table-3

List of manufacturing locations (as declared by the applicant) for which this certificate (No. 701105212) is valid:								
S. No.	Product Model number	Contract Manufacturing	Manufacturing Location Address	Contact Person Name (Plant Incharge)	E-mail-ID	Contact number	*Country Of Origin	**Country of Manufacturing
1	Aksh/ITU-T Rec. G.657A1/ Code: SMART-LOW BEND	No	Aksh Optifibre Limited F-1080 Phase-III RIICO Industrial Area Bhiwadi-301019 District-Alwar Rajasthan.	Anil Kumar Gupta	anil@akshoptifibre.com	9828385258	India	India

Note: \*1. Country of Origin is as per the criteria defined under Custom Rules.

\*\*2. Country of Manufacturing refers to the place where the Telecom product under certification against product model number given above is manufactured/assembled as complete unit only.



Table-4

Details of major modules / components (as declared by the applicant) of the model under certification (BILL OF MATERIAL)							
Module Name/Atrtribute Name	Module Code	Module Hardware Version	Module Software Version	Sub Unit Name	Sub Unit Model No.	Remarks	Module present in Main Model
Module No.						Aksh/ITU-T Rec. G.657A1/ Code: SMART-LOW BEND	Aksh/ITU-T Rec. G.657A1/ Code: SMART-LOW BEND
Type of Fibre		NA	NA			Single Mode Optical Fibre Conforming to ITU-T Rec. G657A1 Natural Colour	Y
Fibre Colour Coding sequence						Natural Colour	Y
Diameter over primary coated with double UV cured acrylate						242 ± 5µm	Y
Pre-Form						Shin-Etsu Chemical Co. Ltd., Japan Grade G652D	Y

**Details of major modules / components (as declared by the applicant) of the model under certification (BILL OF MATERIAL)**

Module Name/Atrtribute Name	Module Code	Module Hardware Version	Module Software Version	Sub Unit Name	Sub Unit Model No.	Remarks	Module present in Main Model
						LWP	
UV Resin-I(Primary)						Phichem Corporation, Shanghai,China, Grade-KG100-1H-2	Y
UV Resin-II(Secondary)						Phichem Corporation, Shanghai,China, Grade-KG200-2	Y
CACT SAC Certificate No. & validity						OFC/809, Valid from-19.01.2026 to 18.01.2029	Y

\*\*\* End of the certificate\*\*\*