



Certificate No: OFC/670  
Date of issue : 16.11.2022  
Date of Expiry : 15.11.2025

**BHARAT SANCHAR NIGAM LTD.**  
(A Govt. of India Enterprise)  
**Component Approval Centre Telecommunications (CACT),**  
**Telecom Quality Assurance Circle**  
**CACT Complex, Doorvaninagar, Bangalore - 560 016.**

**SOURCE APPROVAL CERTIFICATE**

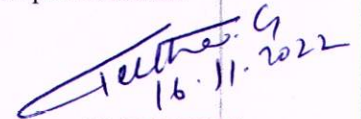
- I
- i) Name of the raw material : Single Mode Optical Fibre, Conforming to ITU-T Rec.G.657A1, Natural Colour  
**Code : "SMART-LOW BEND"**
- ii) Name and address of the manufacturer : M/s. Aksh Optifibre Limited,  
F-1080, Phase-III, RIICO Industrial Area,  
Bhiwadi-301 019, District- Alwar  
RAJASTHAN.
- iii) Offered by : Manufacturer
- iv) Conforming to Specification : TEC GR 89010:2021, **Type: Type-IV (Sec-1)**
- v) Test report particulars : QAIN-38/16(12)/3/2021-CACT/150 dtd 11.11.2022
- vi) **Valid up to** : **15.11.2025**
- vii) IA Reference : CACT/FL/OFC/Aksh/Vol VIII/07 dtd 29.06.2018
- viii) Remarks : Source Approval

II

**RAW MATERIALS DETAIL**

Sr.No	Name of Raw Material	Name of Supplier	Grade	
1	Pre-form	Shin-Etsu Chemical Co. Ltd., Japan	G657A1 PREFORM	
			IOR at	
			1310nm	1.4670
			1550nm	1.4675
	1625nm	1.4675		
2	UV Resin-I (Primary)	PhiChem Corporation, Shanghai - China	KG100-1H-2	
3	UV Resin-II (Secondary)	PhiChem Corporation, Shanghai - China	KG200-2	

- III The item/raw-material(s) mentioned above I(i) is/are hereby source approved subject to the conditions indicated overleaf.
- IV It is responsibility of the equipment/product manufacturer to ascertain that this component/ raw material is suitable for use in their equipment/product against the relevant specification.

  
16.11.2022

**(G.GEETHA)**  
**Deputy General Manager**  
**CACT, BANGALORE - 560 016**

Copy to:

1. M/s.Aksh Optifibre Limited, F-1080, Phase-III RIICO Industrial Area. Bhiwadi-301019, Dist Alwar RAJASTHAN
2. The CGM Inspection & QA Circle, Bangalore-560041: for kind information
3. GM (North) Inspection & QA Circle, New Delhi: for kind information
4. File: QAIN-38/16(12)/3/2021-CACT
5. SDE (TECH II)/SDE (Approvals)
6. SAC Guard File

P.T.O.

## TERMS AND CONDITIONS

1. If there is any change in design / drawing, raw material used, process, addition / alteration of test facilities, methods, location of manufacturing premises or any other related matters, this approval automatically becomes invalid, unless such a change is specifically got approved from CACT. Also indigenization of imported parts / raw materials calls for CACT approval.
- 2.
3. Traceability shall be maintained right through the raw material procurement, IGI, Production, Testing and Dispatch.
4. As a normal procedure, specified number of samples / quantity of samples of the items / raw-material approved are to be made over to CACT, to be retained by them for future reference. These samples are non-returnable.
5. During the currency of SAC, CACT / BSNL QA reserve the right to carry out the surveillance and supervisory checks periodically without prior notice. Samples can be picked up either from component/raw-material users or the component manufacturers or from the field units of BSNL and subjected to selected or complete tests. If degradation is noticed the approval could be reviewed and even could be withdrawn. Approval can also be withdrawn in case of feed back complaints received from organizations such as LCSO, BIS, BEL, and ITI etc.
6. Proper quality system shall be maintained in the manufacturing and qualimetric data shall be generated at all stages of manufacturing and testing. The data generated shall be reviewed periodically and trend analysis is made. Half yearly review reports may be submitted to CACT. CACT reserves the right to audit the manufacturing facility as well as the quality system followed, at any point of time as may felt necessary.
7. Feedback complaint shall be promptly analyzed and corrective and preventive actions shall be taken. Copy of the feed back report shall be marked to CACT on half yearly basis during the validity of SAC
8. In case of any dispute at any stage during the validity of this approval the decision of the approval authority (CACT) shall be final and binding on the manufacturer.
9. If the renewal of the SAC is needed, the manufacturer has to take up the case with CACT at least 90 days prior to the expiry of the SAC.