



**GOVERNMENT OF INDIA
MINISTRY OF COMMUNICATIONS
DEPARTMENT OF TELECOMMUNICATIONS
TELECOMMUNICATION ENGINEERING CENTRE
Gate No. 5, Khurshid Lal Bhawan, Janpath, New Delhi-110001**

CERTIFICATE OF DESIGNATION

M/s UM Cables Limited, Dadra and Nagar Haveli
has been assessed and designated as Conformity Assessment Body (CAB)
for its facilities at

**Survey No. 1/1/3 Chinchpada, Silvassa, Dadra and Nagar Haveli and Daman
and Diu- 396230**

In the field of Testing

Certificate No. TEC/MRA/CAB/IND-D/111

Issue Date: 25/09/2026

Validity: 25/09/2026 to 24/09/2029

This Certificate remains valid for the Scope of Designation as specified in the Annexure subject to the continued validity of NABL Accreditation and satisfied compliance to the Standards/specifications against which lab has been designated and strict compliance to the relevant terms and conditions of TEC CAB Designation Scheme.

(To see the scope of designation of this laboratory, you may also visit TEC website www.tec.gov.in)

Signed for and on behalf of TEC

Digitally signed by
Vijay Dixit
Date: 25-09-2026
16:37:13

**Vijay Dixit
Director (CA)
For Designating Authority
TEC**

**Certificate No: TEC/MRA/CAB/IND-D/111 dated 25/09/2026 issued to
M/s UM Cables Limited, Dadra and Nagar Haveli
Survey No. 1/1/3 Chinchpada, Silvassa, Dadra and Nagar Haveli
and Daman and Diu- 396230**



Validity: - 25/09/2026 to 24/09/2029

Terms & Conditions

This certificate is issued as per the terms and conditions stipulated in the TEC SCHEME FOR DESIGNATING DOMESTIC CONFORMITY ASSESEMENT BODIES AND CERTIFICATION BODIES FOR CONFORMITY ASSESEMENT AND CERTIFICATION OF TELECOMMUNICATION EQUIPMENT ISSUE 3 NO. TEC 04019:2023.

Some of the conditions are reiterated as under:

A. Obligations of the Designated CAB.

1. It shall ensure that it maintains its accreditation status from any recognised Indian accreditation body like NABL during validity period of certificate.
2. It shall follow the stipulated procedures, rules and policies laid down by Designating Authority (DA) or Mutual Recognition Agreement (MRA)* partner for testing and evaluation.
3. In respect of tests for which it is seeking designation, it shall have no interest whatsoever in any business to carry on testing in an unfair or biased manner.
4. It shall fully indemnify DA from and against all liabilities, damages, claims, costs, and expenses incurred or sustained by DA as a result of any action taken or omitted by DA relating to the process of designation.
5. It shall comply with DA's or MRA partner's terms and conditions for designation and recognition as modified from time to time.
6. It shall be under obligation to participate in the online process prescribed by TEC for test and certification against TEC's GR/IR/ER and standards.
7. It shall have a record system which shall have a retention period of at least 5 years for documents related to the equipment testing. It shall maintain all the relevant documents including list of products submitted for testing, product-wise testing and evaluation reports. These documents shall be produced before the DA within seven days, as and when required.
8. It shall ensure the Intellectual Property Rights of the customers in the course of testing by maintaining professional ethics, secrecy and keeping all the product related information confidential.

*Applicable only if recognized by MRA (Mutual Recognition Agreement) partner.

9. It shall notify the DA in writing of occurrence of any of the following incident(s) within 2 weeks of its occurrence
 - a) Cessation of its business of conformity assessment for which it is Designated or accredited
 - b) Changes in its legal, commercial, or Organisational status
 - c) Changes, which may affect continuing compliance with any of the criteria or requirement specified by DA or MRA partner.
 - d) Change of premises

B. REFERENCE TO DESIGNATION STATUS

1. Designated CABs may advertise their designation status with regard to standards or parts thereof which are included in the scope of designation.
2. The advertisement should not imply, or otherwise suggest that DA or MRA Partner has endorsed the product or imply that the designated CAB is an agent or representative of DA or MRA Partner.
3. CABs whose designations have been suspended or withdrawn for any reason, shall discontinue advertisement of their designated status and not make any misleading statements regarding their designation status.

C. POST-DESIGNATION SURVEILLANCE

As and when required, DA shall conduct surveillance assessments and other non-routine assessments on the Designated CABs to ensure that standards of practices are maintained as well as to investigate complaints made against them.

D. SUSPENSION OR WITHDRAWAL OF DESIGNATION

1. DA shall suspend or withdraw the designation of a CAB if
 - a. Its accreditation is withdrawn.
 - b. It is found that the CAB is not complying with the stipulated criteria or requirements.
 - c. It is guilty of any offence involving fraud or dishonesty.
 - d. DA concludes that there is a just cause for withdrawing the designation.
2. A CAB whose designation, and recognition in case of MRA, has been suspended or withdrawn shall be removed from the list of designated CABs, in case it fails to take corrective measures.
3. DA shall keep the designation of a Designated CAB under suspension, until the completion of formal review process.

E. AMENDMENT TO THE SCHEME

DA reserves the rights to amend the scheme, as and when required, for the purpose of streamlining designation process.

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SCOPE OF DESIGNATION **(ANNEXURE)**

Laboratory Name: M/s UM Cables Limited, Dadra And Nagar Haveli
Survey No. 1/1/3 Chinchpada, Silvassa, Dadra And Nagar Haveli
And Daman And Diu- 396230

Certificate Number: TEC/MRA/CAB/IND-D/111

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Validity: 25/09/2026 to 24/09/2029

Last Amended on: ----

Sl. No.	Telecom Equipment/Product	Test Parameter or Type of Testing#	Standard/Specification
1.	Optical Fibre Cable– Duct	Transmission Characteristics	Attenuation at 1310 nm IEC 60793-1-40
			Attenuation at 1550 nm IEC 60793-1-40
			Attenuation at 1625 nm IEC 60793-1-40
			PMD Cabled Loose Fibre IEC 60793-1-48
		Mechanical Characteristics	Tensile Strength IEC 60794-1-21
			Crush Resistance IEC 60794-1-21
			Impact IEC 60794-1-21
			Bend Test IEC 60794-1-21
			Repeated Bend Test IEC 60794-1-21
			Torsion Test IEC 60794-1-21
		Environmental Characteristics	Temperature Cycling IEC 60794-1-22
			Cable Aging Test IEC 60794-1-22
			Water Blocking Test /Water Penetration Test IEC 60794-1-22

***The validity of Certificate is up to 24/09/2029 or the continued validity of NABL Accreditation, whichever is earlier.**

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Certificate Number: TEC/MRA/CAB/IND-D/111

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Validity: 25/09/2026 to 24/09/2029

Last Amended on: ----

Sl. No.	Telecom Equipment/Product	Test Parameter or Type of Testing#	Standard/Specification
	Optical Fibre Cable – Micro-Duct	Transmission Characteristics	Attenuation at 1310 nm IEC 60793-1-40
			Attenuation at 1550 nm IEC 60793-1-40
			Attenuation at 1625 nm IEC 60793-1-40
			PMD Cabled Loose Fibre IEC 60793-1-48
		Mechanical Characteristics	Tensile Strength IEC 60794-1-21
			Crush Resistance IEC 60794-1-21
			Impact IEC 60794-1-21
			Bend Test IEC 60794-1-21
			Repeated Bend Test IEC 60794-1-21
			Torsion Test IEC 60794-1-21
		Environmental Characteristics	Temperature Cycling IEC 60794-1-22
			Cable Aging test IEC 60794-1-22
			Water Blocking Test / Water Penetration Test IEC 60794-1-22

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(ANNEXURE)

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Validity: 25/09/2026 to 24/09/2029

Last Amended on: ----

Sl. No.	Telecom Equipment/Product	Test Parameter or Type of Testing#	Standard/ Specification
	Optical Fibre Cable – Direct Buried	Transmission Characteristics	Attenuation at 1310 nm IEC 60793-1-40
			Attenuation at 1550 nm IEC 60793-1-40
			Attenuation at 1625 nm IEC 60793-1-40
			PMD Cabled Loose Fibre IEC 60793-1-48
		Mechanical Characteristics	Tensile Strength IEC 60794-1-21
			Crush Resistance IEC 60794-1-21
			Impact IEC 60794-1-21
			Bend Test IEC 60794-1-21
			Repeated Bend Test IEC 60794-1-21
			Torsion Test IEC 60794-1-21
		Environmental Characteristics	Temperature Cycling IEC 60794-1-22
			Cable Aging Test IEC 60794-1-22
			Water Blocking Test / Water Penetration Test IEC 60794-1-22

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Validity: 25/09/2026 to 24/09/2029

Last Amended on: ----

Sl. No.	Telecom Equipment/Product	Test Parameter or Type of Testing#	Standard/Specification
	Optical Fibre Cable – ADSS along Power Line	Transmission Characteristics	Attenuation at 1310 nm IEC 60793-1-40
			Attenuation at 1550 nm IEC 60793-1-40
			Attenuation at 1625 nm IEC 60793-1-40
			PMD Cabled Loose Fibre IEC 60793-1-48
		Mechanical Characteristics	Tensile Strength IEC 60794-1-21
			Crush Resistance IEC 60794-1-21
			Impact IEC 60794-1-21
			Bend Test IEC 60794-1-21
			Repeated Bend Test IEC 60794-1-21
			Torsion Test IEC 60794-1-21
		Environmental Characteristics	Temperature Cycling IEC 60794-1-22
			Cable Aging Test IEC 60794-1-22
			Water Blocking Test / Water Penetration Test IEC 60794-1-22

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Validity: 25/09/2026 to 24/09/2029

Last Amended on: ----

Sl. No.	Telecom Equipment/Product	Test Parameter or Type of Testing#	Standard/ Specification
	Optical Fibre Cable – ADSS or Aerial Alignment	Transmission Characteristics	Attenuation at 1310 nm IEC 60793-1-40
			Attenuation at 1550 nm IEC 60793-1-40
			Attenuation at 1625 nm IEC 60793-1-40
			PMD Cabled Loose Fibre IEC 60793-1-48
		Mechanical Characteristics	Tensile Strength IEC 60794-1-21
			Crush Resistance IEC 60794-1-21
			Impact IEC 60794-1-21
			Bend Test IEC 60794-1-21
			Repeated Bend Test IEC 60794-1-21
			Torsion Test IEC 60794-1-21
		Environmental Characteristics	Temperature Cycling IEC 60794-1-22
			Cable Aging Test IEC 60794-1-22
			Water Blocking Test/ Water Penetration Test IEC 60794-1-22

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Validity: 25/09/2026 to 24/09/2029

Last Amended on: ----

Sl. No.	Telecom Equipment/Product	Test Parameter or Type of Testing#	Standard/Specification
	Optical Fibre Cable – Indoor	Transmission Characteristics	Attenuation at 1310 nm IEC 60793-1-40
			Attenuation at 1550 nm IEC 60793-1-40
			Attenuation at 1625 nm IEC 60793-1-40
			PMD Cabled Loose Fibre IEC 60793-1-48
		Mechanical Characteristics	Tensile Strength IEC 60794-1-21
			Crush Resistance IEC 60794-1-21
			Impact IEC 60794-1-21
			Bend Test IEC 60794-1-21
			Repeated Bend Test IEC 60794-1-21
			Torsion Test IEC 60794-1-21
		Environmental Characteristics	Temperature Cycling IEC 60794-1-22
			Cable Aging Test IEC 60794-1-22
			Water Blocking Test / Water Penetration Test IEC 60794-1-22

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Validity: 25/09/2026 to 24/09/2029

Last Amended on: ----

Sl. No.	Telecom Equipment/Product	Test Parameter or Type of Testing#	Standard/Specification
	Optical Fibre Cable – Access Outdoor	Transmission Characteristics	Attenuation at 1310 nm IEC 60793-1-40
			Attenuation at 1550 nm IEC 60793-1-40
			Attenuation at 1625 nm IEC 60793-1-40
			PMD Cabled Loose Fibre IEC 60793-1-48
		Mechanical Characteristics	Tensile Strength IEC 60794-1-21
			Crush Resistance IEC 60794-1-21
			Impact IEC 60794-1-21
			Bend Test IEC 60794-1-21
			Repeated Bend Test IEC 60794-1-21
			Torsion Test IEC 60794-1-21
		Environmental Characteristics	Temperature Cycling IEC 60794-1-22
			Cable Aging Test IEC 60794-1-22
			Water Blocking Test / Water Penetration Test IEC 60794-1-22

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ISO 9001: 2015

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Laboratory Name: M/s UM Cables Limited, Dadra And Nagar Haveli
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Validity: 25/09/2026 to 24/09/2029

Last Amended on: ----

Sl. No.	Telecom Equipment/Product	Test Parameter or Type of Testing#	Standard/ Specification
	Optical Fibre Cable – Indoor Outdoor	Transmission Characteristics	Attenuation at 1310 nm IEC 60793-1-40
			Attenuation at 1550 nm IEC 60793-1-40
			Attenuation at 1625 nm IEC 60793-1-40
			PMD Cabled Loose Fibre IEC 60793-1-48
		Mechanical Characteristics	Tensile Strength IEC 60794-1-21
			Crush Resistance IEC 60794-1-21
			Impact IEC 60794-1-21
			Bend Test IEC 60794-1-21
			Repeated Bend Test IEC 60794-1-21
			Torsion Test IEC 60794-1-21
		Environmental Characteristics	Temperature Cycling IEC 60794-1-22
			Cable Aging Test IEC 60794-1-22
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Validity: 25/09/2026 to 24/09/2029

Last Amended on: ----

Sl. No.	Telecom Equipment/Product	Test Parameter or Type of Testing#	Standard/Specification
	Optical Fibre Cable – DSA	Transmission Characteristics	Attenuation at 1310 nm IEC 60793-1-40
			Attenuation at 1550 nm IEC 60793-1-40
			Attenuation at 1625 nm IEC 60793-1-40
			PMD Cabled Loose Fibre IEC 60793-1-48
		Mechanical Characteristics	Tensile Strength IEC 60794-1-21
			Crush Resistance IEC 60794-1-21
			Impact IEC 60794-1-21
			Bend Test IEC 60794-1-21
			Repeated Bend Test IEC 60794-1-21
			Torsion Test IEC 60794-1-21
		Environmental Characteristics	Temperature Cycling IEC 60794-1-22
			Cable Aging Test IEC 60794-1-22
			Water Blocking Test / Water Penetration Test IEC 60794-1-22

Digitally signed by
Buddha Priya Rahul
Date: 25-09-2026
16:52:47

***The validity of Certificate is up to 24/09/2029 or the continued validity of NABL Accreditation, whichever is earlier.**