# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :** STERLITE TECHNOLOGIES LIMITED - OFC QUALITY ASSURANCE LABORATORY, SURVEY NO. 68/1, RAKHOLI VILLAGE, MADHUBAN DAM ROAD, SILVASSA, DADRA AND NAGAR HAVELI, INDIA

**Accreditation Standard** ISO/IEC 17025:2017

**Certificate Number** TC-6233 **Page No** 1 of 15

**Validity** 08/11/2023 to 07/11/2025 **Last Amended on** -

| S.No | Discipline / Group | Materials or Products tested | Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed | Test Method Specification against which tests are performed and / or the techniques / equipment used |
|---|---|---|---|---|
| Permanent Facility | | | | |
| 1 | ELECTRONICS-TELECOMMUNICATION EQUIPMENT (FOR TEC CAB DESIGNATION) | Optical Fiber Cable, Individual Element | Dimension Measurement of Cable & Cable Elements / Dimension Measurement of Elements | TEC 89010 : 2021, BS EN 60811-203 : 2012, ASTM D 4565 |
| 2 | ELECTRONICS-TELECOMMUNICATION EQUIPMENT (FOR TEC CAB DESIGNATION) | Optical Fiber Cable, Tight Buffer Tube | Stripability of Tight Buffer | IEC 60794-3 : 2014, IEC 60793-1-32 : 2018, ICEA 640 : 2016, TIA-455-178-C : 2021, IEC 60973-1-23 : 2019, IEC 60973-1-21 |
| 3 | ELECTRONICS-TELECOMMUNICATION EQUIPMENT (FOR TEC CAB DESIGNATION) | Fibre Reinforced Plastic (FRP) Rod, Optical Fiber Cable | Diameter / Physical Dimension of Coated Rod (Diameter) | TEC 89010 : 2021, Micrometer, BS EN 60811-203 |
| 4 | ELECTRONICS-TELECOMMUNICATION EQUIPMENT (FOR TEC CAB DESIGNATION) | Fibre Reinforced Plastic (FRP) Rod, Optical Fiber Cable | Heat Stress Test | TEC 89010 |
| 5 | ELECTRONICS-TELECOMMUNICATION EQUIPMENT (FOR TEC CAB DESIGNATION) | Fibre Reinforced Plastic (FRP) Rod, Optical Fiber Cable | Tensile Strength | ASTM D3916 |
| 6 | ELECTRONICS-TELECOMMUNICATION EQUIPMENT (FOR TEC CAB DESIGNATION) | Fibre Reinforced Plastic (FRP) Rod, Optical Fiber Cable | Thermal Resistance Test | TEC89010 |
| 7 | ELECTRONICS-TELECOMMUNICATION EQUIPMENT (FOR TEC CAB DESIGNATION) | Fibre Reinforced Plastic (FRP) Rod, Optical Fiber Cable | Elongation | ASTM D3916 |
| 8 | ELECTRONICS-TELECOMMUNICATION EQUIPMENT (FOR TEC CAB DESIGNATION) | Fibre Reinforced Plastics (FRP) Rod, Optical Fiber Cable | Minimum Bend Diameter / Minimum Bend Radius | RDSO/SPN/TC/110/2020, TEC 89010 |
| 9 | ELECTRONICS-TELECOMMUNICATION EQUIPMENT (FOR TEC CAB DESIGNATION) | Loose Tube, Optical fiber Cable | Drainage Test | IEC 60794-1-21 : 2015 AMD1 2021, IEC 60794-3 : 2014, IEC 60794-3 : 2014, TEC70022110 |
| 10 | ELECTRONICS-TELECOMMUNICATION EQUIPMENT (FOR TEC CAB DESIGNATION) | Loose Tube, Optical Fiber Cable | Embrittlement Test | TEC 85190 |

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| 11 | ELECTRONICS-TELECOMMUNICATION EQUIPMENT (FOR TEC CAB DESIGNATION) | Loose Tube, Optical Fiber Cable | Elongation Test | ASTM D 638 : 2022, RDSO/SPN/TC/110/2020, IEC 60794-1-23 : 2019, ASTM D 4565 |
| 12 | ELECTRONICS-TELECOMMUNICATION EQUIPMENT (FOR TEC CAB DESIGNATION) | Loose Tube, Optical Fiber Cable | Tensile Test | ASTM D 638 : 2022, RDSO/SPN/TC/110/2020, IEC 60794-1-23 : 2019, ASTM D 4565 |
| 13 | ELECTRONICS-TELECOMMUNICATION EQUIPMENT (FOR TEC CAB DESIGNATION) | Messenger Wire, Twisted metal wire, Optical Fibre Cable | Lay Length | IEEE 1138:2021, TEC GR, TEC 89010:2021, RDSO/SPN/TC/110/2020, TEC/GR/TX/ORM-001/05/DEC-17 |
| 14 | ELECTRONICS-TELECOMMUNICATION EQUIPMENT (FOR TEC CAB DESIGNATION) | Micro Modules, Optical Fiber Cable | Dry Heat Behaviour | ST/CNET/5843, ORANGE/OLN/WNI/20/12/04 |
| 15 | ELECTRONICS-TELECOMMUNICATION EQUIPMENT (FOR TEC CAB DESIGNATION) | Micro Modules, Optical Fiber Cable | Solvent Resistance | ST/CNET/5843, ORANGE/OLN/WNI/20/12/04 |
| 16 | ELECTRONICS-TELECOMMUNICATION EQUIPMENT (FOR TEC CAB DESIGNATION) | Micro Modules, Optical Fiber Cable | Damp Heat Behaviour | ST/CNET/5843, ORANGE/OLN/WNI/20/12/04 |
| 17 | ELECTRONICS-TELECOMMUNICATION EQUIPMENT (FOR TEC CAB DESIGNATION) | Optical Fiber (Coloured), Optical Fiber Cable | MEK Rub Test / Colour qualification for color fibres MEK RUB Test (Methyl Ethyl Ketone) | IEC 60794-1-219 : 2021, TEC GR 89010 |
| 18 | ELECTRONICS-TELECOMMUNICATION EQUIPMENT (FOR TEC CAB DESIGNATION) | Optical Fiber ,Tube, Binder, Ribbon, Optical Fiber Cable | Nos & Colour Identification of Fiber or Tube or Binder per unit/tube/binder/cable | TIA - 598D |
| 19 | ELECTRONICS-TELECOMMUNICATION EQUIPMENT (FOR TEC CAB DESIGNATION) | Optical Fiber Cable | Cable Length and Length Marking | Telcordia GR 20 Issue 4 : 2013, RDSO/SPN/TC/110/2020, TEC GR, TEC 85190 |
| 20 | ELECTRONICS-TELECOMMUNICATION EQUIPMENT (FOR TEC CAB DESIGNATION) | Optical Fiber Cable | Impact Test | IEEE 1222 : 2019, IEEE 1138 : 2021, IEC 60794-1-21 : 2015, AMD 1 2021, XP C 93-850-3-25, Telcordia GR 20 Issue 4 |

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| 21 | ELECTRONICS-TELECOMMUNICATION EQUIPMENT (FOR TEC CAB DESIGNATION) | Optical Fiber Cable | Abrasion Test | IEEE 1222 : 2019, IEEE 1138 : 2021, IEC 60794-1-21 : 2015, AMD 1 2021, XP C 93-850-3-25, Telcordia GR 20 Issue 4 |
| 22 | ELECTRONICS-TELECOMMUNICATION EQUIPMENT (FOR TEC CAB DESIGNATION) | Optical Fiber Cable | Aeolin Vibration Test | IEC 60794-1-2 Method E19 : 2021, IEEE 1222 : 2019, IEEE 1138 |
| 23 | ELECTRONICS-TELECOMMUNICATION EQUIPMENT (FOR TEC CAB DESIGNATION) | Optical Fiber Cable | Aggressive Media / Effect Of Aggressive Media | ICEA 640 : 2016, ISO 175 : 2010, TEC GR, TEC 85190 : 2022, RDSO/SPN/TC/110/2020, TEC ER No TEC 70022110 |
| 24 | ELECTRONICS-TELECOMMUNICATION EQUIPMENT (FOR TEC CAB DESIGNATION) | Optical Fiber Cable | Bend Test | IEC 60794-3-10 : 2015, IEC 60794-1-21 : 2015, AMD 1 2021, IEC 60794-5-10, IEEE 1222 : 2019, IEEE 1138 : 2021, TIA-EIA-455-88 |
| 25 | ELECTRONICS-TELECOMMUNICATION EQUIPMENT (FOR TEC CAB DESIGNATION) | Optical Fiber Cable | Bending Stiffness | IEC 60794-1-21 : 2015, AMD 1 2021, XP C 93-850-3-25, Telcordia GR 20 Issue 4 |
| 26 | ELECTRONICS-TELECOMMUNICATION EQUIPMENT (FOR TEC CAB DESIGNATION) | Optical Fiber Cable | Cable Ageing Test | IEEE 1222 : 2019, IEEE 1138 : 2021, XP C 93-850-3-25, IEC 60794-1-22 : 2017, Telcordia GR 20 Issue 4 |
| 27 | ELECTRONICS-TELECOMMUNICATION EQUIPMENT (FOR TEC CAB DESIGNATION) | Optical Fiber Cable | Cable External Freezing Test / Cable Freezing Test | IEC 60794-1-22 : 2017, Telcordia GR 20 Issue 4 |
| 28 | ELECTRONICS-TELECOMMUNICATION EQUIPMENT (FOR TEC CAB DESIGNATION) | Optical Fiber Cable | Cable Kink test | IEC 60794-1-21 : 2015 AMD1 2021, IEC 60794-3-10 : 2015, IEC 60794-3-11, IEEE 1222 : 2019, IEEE 1138 |
| 29 | ELECTRONICS-TELECOMMUNICATION EQUIPMENT (FOR TEC CAB DESIGNATION) | Optical Fiber Cable | Cable Shrinkage Test ( Fibre Protrusion) | IEC 60794-1-22 Edition 2.0 |
| 30 | ELECTRONICS-TELECOMMUNICATION EQUIPMENT (FOR TEC CAB DESIGNATION) | Optical Fiber Cable | Cable Termination | Telecordia GR20 Issue 4 |

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| 31 | ELECTRONICS-TELECOMMUNICATION EQUIPMENT (FOR TEC CAB DESIGNATION) | Optical Fiber cable | Cables Under Fire Conditions Circuit Integrity | IEC 60331-1:2018 ,IEC60331-12 , IEC 60331-11:1999 Amd 1 |
| 32 | ELECTRONICS-TELECOMMUNICATION EQUIPMENT (FOR TEC CAB DESIGNATION) | Optical Fiber Cable | Cables Under Fire Conditions Single Vertical | IEC 332-1:1993 , IEC 60332-1-2 |
| 33 | ELECTRONICS-TELECOMMUNICATION EQUIPMENT (FOR TEC CAB DESIGNATION) | Optical Fiber Cable | Color Permanence and Marking Durability | Telcordia GR 20 Issue 4 |
| 34 | ELECTRONICS-TELECOMMUNICATION EQUIPMENT (FOR TEC CAB DESIGNATION) | Optical Fiber Cable | Compound Flow / Drip Test / Water Blocking Material Flow | IEC 60794-1-22 : 2017, Telcordia GR 20 Issue 4 : 2013, XP C 93-850-3-25, IEEE 1138 : 2021, TIA/EIA-455-81-B : 2000, ASTM D4565 |
| 35 | ELECTRONICS-TELECOMMUNICATION EQUIPMENT (FOR TEC CAB DESIGNATION) | Optical Fiber Cable | Creep Behaviour - Cable Strain/Eongation | IEC 60794-1-21 : 2015 AMD1 2021, IEEE 1222 : 2019, IEEE 1138 |
| 36 | ELECTRONICS-TELECOMMUNICATION EQUIPMENT (FOR TEC CAB DESIGNATION) | Optical Fiber Cable | Crush Test / Compressive Stress Test | IEEE 1222 : 2019, IEC 60794-1-21 : 2015, AMD1 2021, Telcordia GR 20 Issue 4 : 2013, IEEE 1138 : 2021, XP C 93-850-3-25, TIA-455-41-A |
| 37 | ELECTRONICS-TELECOMMUNICATION EQUIPMENT (FOR TEC CAB DESIGNATION) | Optical Fiber Cable | Cut-through Resistance (Shear Strength) - Change in Transmittance | XP C 93-850-3-25, ORANGE/OLN/WNI/20/12/04 |
| 38 | ELECTRONICS-TELECOMMUNICATION EQUIPMENT (FOR TEC CAB DESIGNATION) | Optical Fiber Cable | Easy Removal of Sheath | RDSO/SPN/TC/110/2020, TEC GR, TEC 85190 |
| 39 | ELECTRONICS-TELECOMMUNICATION EQUIPMENT (FOR TEC CAB DESIGNATION) | Optical Fiber Cable | Flexural Rigidity Test (Three-point bend) | IEC 60794-1-21 : 2015 AMD1 2021, TEC 85190 : 2022, ASTM D 790 |
| 40 | ELECTRONICS-TELECOMMUNICATION EQUIPMENT (FOR TEC CAB DESIGNATION) | Optical Fiber Cable | Galloping Test | IEC 60794-1-2 Method E26 : 2021, IEEE 1222 : 2019, IEEE 1138 |

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| 41 | ELECTRONICS-TELECOMMUNICATION EQUIPMENT (FOR TEC CAB DESIGNATION) | Optical Fiber Cable | High Voltage test | BT Standard CW1500-11 Issue 4 |
| 42 | ELECTRONICS-TELECOMMUNICATION EQUIPMENT (FOR TEC CAB DESIGNATION) | Optical Fiber Cable | Jacket Shrink back | ICEA 640 : 2016, BS EN 60811-1-3 : 2001 Amd1 2002, ASTM D4565 : 2020, TIA-455-86-A |
| 43 | ELECTRONICS-TELECOMMUNICATION EQUIPMENT (FOR TEC CAB DESIGNATION) | Optical Fiber Cable | Low and High Temperature Cable Bend | Telcordia GR 20 issue 4 : 2013, TIA-455-37-A |
| 44 | ELECTRONICS-TELECOMMUNICATION EQUIPMENT (FOR TEC CAB DESIGNATION) | Optical Fiber Cable | Multiple Cable Coiling and Uncoiling Performance | IEC 60794-1-21 Method E 33 : 2015 AMD1 2021, Telcordia GR 20 Issue 4 |
| 45 | ELECTRONICS-TELECOMMUNICATION EQUIPMENT (FOR TEC CAB DESIGNATION) | Optical Fiber Cable | Repeated Bend Test / Cyclic Flexing | IEEE 1222 : 2019, IEEE 1138 : 2021, IEC 60794-1-21 : 2015 AMD 1 2021, XP C 93-850-3-25, Telcordia GR 20 Issue 4 |
| 46 | ELECTRONICS-TELECOMMUNICATION EQUIPMENT (FOR TEC CAB DESIGNATION) | Optical Fiber Cable | Ribbon Dimensions | Telcordia GR 20 Issue 4 : 2013, ICEA 640 : 2016, TIA-455-123 : 2000, IEC 60794-1-23 : 2019, IEC 60794-3 : 2014, IEC 60794-1-31 |
| 47 | ELECTRONICS-TELECOMMUNICATION EQUIPMENT (FOR TEC CAB DESIGNATION) | Optical Fiber Cable | Ripcord Functional Test / Ripcord Test | IEEE 1222 : 2019, IEC 60794-1-21 : 2015 AMD1 2021, Telcordia GR 20 issue 4 : 2013, TEC GR, TEC GR 89010 : 2021, RDSO/SPN/TC/110 |
| 48 | ELECTRONICS-TELECOMMUNICATION EQUIPMENT (FOR TEC CAB DESIGNATION) | Optical Fiber Cable | Static Bend Test | IEC 60794-3-10 : 2015, IEC 60794-1-21 : 2015 AMD1 2021, IEC 60794-5-10,:2014 , IEEE 1222 : 2019, IEEE 1138 : 2021, TIA-EIA-455-88 |
| 49 | ELECTRONICS-TELECOMMUNICATION EQUIPMENT (FOR TEC CAB DESIGNATION) | Optical Fiber Cable | Temperature Cycle Test | IEEE 1222 : 2019, Telcordia GR 20 Issue 4 : 2013, XP C 93-850-3-25, IEC 60794-1-22 Method F1 |
| 50 | ELECTRONICS-TELECOMMUNICATION EQUIPMENT (FOR TEC CAB DESIGNATION) | Optical Fiber Cable | Tensile Test | IEEE 1222 : 2019, IEEE 1138 : 2021, IEC 60794-1-21 : 2015 AMD 1 2021, XP C 93-850-3-25, Telcordia GR 20 Issue 4 |

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| 51 | ELECTRONICS-TELECOMMUNICATION EQUIPMENT (FOR TEC CAB DESIGNATION) | Optical Fiber Cable | Test of Figure of 8 on the cable | RDSO/SPN/TC/110/2020, TEC GR, TEC 85190 |
| 52 | ELECTRONICS-TELECOMMUNICATION EQUIPMENT (FOR TEC CAB DESIGNATION) | Optical Fiber Cable | Torsion Test | IEEE 1222 : 2019, IEEE 1138 : 2021, IEC 60794-1-21 : 2015, AMD 1 2021, XP C 93-850-3-25, Telcordia GR 20 Issue 4 |
| 53 | ELECTRONICS-TELECOMMUNICATION EQUIPMENT (FOR TEC CAB DESIGNATION) | Optical Fiber Cable | Water Penetration Test | IEC 60794-1-22 : 2017, Telcordia GR 20 Issue 4 : 2013, XP C 93-850-3-25, ICEA 640 : 2016, TIA-455-82-C |
| 54 | ELECTRONICS-TELECOMMUNICATION EQUIPMENT (FOR TEC CAB DESIGNATION) | Optical Fiber Cable | Creep Behaviour - Change in Transmittance | IEC 60794-1-21 : 2015 AMD1 2021 IEEE 1222 : 2019, IEEE 1138 |
| 55 | ELECTRONICS-TELECOMMUNICATION EQUIPMENT (FOR TEC CAB DESIGNATION) | Optical Fiber Cable | Cable Construction | TEC 89010 : 2021, TEC/GR/TX/OFC-20/01/MAR2011, TEC 85170 : 2011, RDSO/SPN/TC/110/2020, TEC GR, Telcordia GR 20 Issue 4 : 2013, ICEA S-110-717 |
| 56 | ELECTRONICS-TELECOMMUNICATION EQUIPMENT (FOR TEC CAB DESIGNATION) | Optical Fiber Cable | Polyethylene Peeling /Jacket Bonding / Force of Adhesion Test | TRFO-13, ASTM D4565, TEC 89010 : 2021, TEC GR, TEC/GR/TX/OFC-20/01/MAR-2011, RDSO/SPN/TC/110/2020, TEC 85170 |
| 57 | ELECTRONICS-TELECOMMUNICATION EQUIPMENT (FOR TEC CAB DESIGNATION) | Optical Fiber Cable | Rated Pulling Tension - Change in Transmittance | Telecordia GR 20 issue 4 |
| 58 | ELECTRONICS-TELECOMMUNICATION EQUIPMENT (FOR TEC CAB DESIGNATION) | Optical Fiber Cable | Sheave Test | IEEE 1222 : 2019, IEEE 1138 : 2021, IEC 60794-1-21 : 2015 AMD1 2021, XP C 93-850-3-25, Telcordia GR 20 Issue 4 |
| 59 | ELECTRONICS-TELECOMMUNICATION EQUIPMENT (FOR TEC CAB DESIGNATION) | Optical Fiber Cable | Snatch Test | IEC 60794-1-2 Method E9 : 2021, TEC GR, TEC/GR/TX/OFC-003/04/APR-18 : 2018, TEC 85020 |
| 60 | ELECTRONICS-TELECOMMUNICATION EQUIPMENT (FOR TEC CAB DESIGNATION) | Optical Fiber Cable | Spark Test / Sheath to Ground Dielectric Strength Test | RDSO/SPN/TC/110/2020, IEC 62230 : 2013, TEC/GR/TX/OFC-20/01 : 2011, TEC 85170 : 2011, IEC 60794-1-2 F3 |

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| 61 | ELECTRONICS-TELECOMMUNICATION EQUIPMENT (FOR TEC CAB DESIGNATION) | Optical Fiber Cable | Tensile Test - Fiber Strain | IEEE 1222 : 2019, IEEE 1138 : 2021, IEC 60794-1-21 : 2015 AMD1 2021, XP C 93-850-3-25, Telcordia GR 20 Issue 4 |
| 62 | ELECTRONICS-TELECOMMUNICATION EQUIPMENT (FOR TEC CAB DESIGNATION) | Optical Fiber Cable | Thaw / Cable Internal Freezing test - Change in Transmittance | IEC 60794-1-22 : 2017, Telcordia GR 20 issue 4 |
| 63 | ELECTRONICS-TELECOMMUNICATION EQUIPMENT (FOR TEC CAB DESIGNATION) | Optical Fiber Cable , Optical Ribbon | Ribbon Residual Twist | TIA-455-131 : 2000, Telcordia GR 20 Issue 4, IEC 60794-1-21 : 2015 AMD1 2021 |
| 64 | ELECTRONICS-TELECOMMUNICATION EQUIPMENT (FOR TEC CAB DESIGNATION) | Optical Fiber Cable , Plastic Sheath | Jacket Yield Strength | ICEA 640 : 2016 & Telcordia GR 20 issue 4 |
| 65 | ELECTRONICS-TELECOMMUNICATION EQUIPMENT (FOR TEC CAB DESIGNATION) | Optical Fiber Cable ,Filling Jelly | Filling Jelly Compatibility with Fiber coating, UV Ink & Tube Material | ASTM D4568 : 2020, IEC 60974-1-23 |
| 66 | ELECTRONICS-TELECOMMUNICATION EQUIPMENT (FOR TEC CAB DESIGNATION) | Optical Fiber Cable ,Filling Jelly | Oxidation Induction Time | ASTM D4565 : 2020, ASTM D3895 |
| 67 | ELECTRONICS-TELECOMMUNICATION EQUIPMENT (FOR TEC CAB DESIGNATION) | Optical Fiber Cable ,Filling Jelly, Flooding Jelly | Drop Point | ASTM 566 |
| 68 | ELECTRONICS-TELECOMMUNICATION EQUIPMENT (FOR TEC CAB DESIGNATION) | Optical Fiber Cable ,Filling Jelly, Flooding Jelly | Flash Point | ASTM D92 |
| 69 | ELECTRONICS-TELECOMMUNICATION EQUIPMENT (FOR TEC CAB DESIGNATION) | Optical Fiber Cable ,Filling Jelly, Flooding Jelly | Cone Penetration at 25°C | ASTM D217 |
| 70 | ELECTRONICS-TELECOMMUNICATION EQUIPMENT (FOR TEC CAB DESIGNATION) | Optical Fiber Cable ,Filling Jelly, Flooding Jelly | Cone Penetration at -30 °C | ASTM D217 |
| 71 | ELECTRONICS-TELECOMMUNICATION EQUIPMENT (FOR TEC CAB DESIGNATION) | Optical Fiber Cable ,Filling Jelly, Flooding Jelly | Density | ASTM D1217 |

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| 72 | ELECTRONICS-TELECOMMUNICATION EQUIPMENT (FOR TEC CAB DESIGNATION) | Optical Fiber Cable ,Filling Jelly, Flooding Jelly | Oil Separation / Bleeding | IEC 60794-1-23 : 2019, FTM 791-D / FED-STD-791 |
| 73 | ELECTRONICS-TELECOMMUNICATION EQUIPMENT (FOR TEC CAB DESIGNATION) | Optical Fiber Cable ,Filling Jelly, Flooding Jelly | Volatility Loss /Evaporation | IEC 60974-1-23 : 2019, FTM 791-D / FED-STD-791 |
| 74 | ELECTRONICS-TELECOMMUNICATION EQUIPMENT (FOR TEC CAB DESIGNATION) | Optical Fiber Cable ,Zinc Coated Steel Wire | Mass of Zinc -Coating | ASTM A90 / A90M |
| 75 | ELECTRONICS-TELECOMMUNICATION EQUIPMENT (FOR TEC CAB DESIGNATION) | Optical Fiber Cable armoured, Steel Tape | Corrugation Pitch | RDSO/SPN/TC/110/2020, TEC/GR/TX/OFC-20/01 : 2011, TEC 85170 |
| 76 | ELECTRONICS-TELECOMMUNICATION EQUIPMENT (FOR TEC CAB DESIGNATION) | Optical Fiber Cable, Flooding Jelly | Flooding Jelly Compatibility with Tube Material & HDPE | ASTM D4568 : 2013, IEC 60974-1-23 |
| 77 | ELECTRONICS-TELECOMMUNICATION EQUIPMENT (FOR TEC CAB DESIGNATION) | Optical Fiber Cable, Individual Element | Weight Analysis of Cable & Cable Elements | TEC GR , TEC89010 : 2021, RDSO/SPN/TC/110/2020 |
| 78 | ELECTRONICS-TELECOMMUNICATION EQUIPMENT (FOR TEC CAB DESIGNATION) | Optical Fiber Cable, Micro Modules | Compatibility with Cable Water Blocking Products | ST/CNET/5843, ORANGE/OLN/WNI/20/12/04 |
| 79 | ELECTRONICS-TELECOMMUNICATION EQUIPMENT (FOR TEC CAB DESIGNATION) | Optical Fiber Cable, Optical Fiber Ribbon | Ribbon Compression Resistance | IEC 60794-1-31 : 2021, IEC 60794-3 |
| 80 | ELECTRONICS-TELECOMMUNICATION EQUIPMENT (FOR TEC CAB DESIGNATION) | Optical Fiber Cable, Optical Fiber Ribbon | Ribbon Macro-bend | GR/OFC-05/02 : 2006, TEC 85030, IEC 60794-1-31 : 2021, IEC 60794-3 |
| 81 | ELECTRONICS-TELECOMMUNICATION EQUIPMENT (FOR TEC CAB DESIGNATION) | Optical Fiber Cable, Plastic Sample | Ultimate Elongation | ICEA 640 : 2016, Telcordia GR 20 issue 4 |
| 82 | ELECTRONICS-TELECOMMUNICATION EQUIPMENT (FOR TEC CAB DESIGNATION) | Optical Fiber Cable, Plastics | Moisture Test / Moisture Content Test | ASTM D817 |

# SCOPE OF ACCREDITATION

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| 83 | ELECTRONICS-TELECOMMUNICATION EQUIPMENT (FOR TEC CAB DESIGNATION) | Optical Fiber Cable, Plastics, FRP | Water Absorption | ASTM D 570 |
| 84 | ELECTRONICS-TELECOMMUNICATION EQUIPMENT (FOR TEC CAB DESIGNATION) | Optical Fiber Cable, Polyester Binder Yarn, Plastic Yarn | Shrinkage | TEC GR 89010 : 2021, ASTM D4974 |
| 85 | ELECTRONICS-TELECOMMUNICATION EQUIPMENT (FOR TEC CAB DESIGNATION) | Optical Fiber Cable, Polyester Ripcord, Polyester Binder Yarns, Plastic Yarns | Elongation | ASTM D2256 : 2021, ASTM D885 : 10A (2014), ASTM D882 |
| 86 | ELECTRONICS-TELECOMMUNICATION EQUIPMENT (FOR TEC CAB DESIGNATION) | Optical Fiber Cable, Polyfilms, Water Blocking & Plastic Tapes | Tensile & Belt Strength | ISO 9073-3 : 1989, ASTM D882 |
| 87 | ELECTRONICS-TELECOMMUNICATION EQUIPMENT (FOR TEC CAB DESIGNATION) | Optical Fiber Cable, Polyfilms, Water Blocking & Plastic Tapes | Elongation | ISO 9073-3 : 1989, ASTM D882 |
| 88 | ELECTRONICS-TELECOMMUNICATION EQUIPMENT (FOR TEC CAB DESIGNATION) | Optical Fiber Cable, Ripcord, Polyester Binder, Yarns | Breaking Load | ASTM D2256 : 2021, ASTM D885 : 10A(2014) , ASTM D882 |
| 89 | ELECTRONICS-TELECOMMUNICATION EQUIPMENT (FOR TEC CAB DESIGNATION) | Optical Fiber Cable, Steel Tape | Corrugation Height | RDSO/SPN/TC/110/2020, TEC/GR/TX/OFC-20/01 : 2011, TEC 85170 |
| 90 | ELECTRONICS-TELECOMMUNICATION EQUIPMENT (FOR TEC CAB DESIGNATION) | Optical Fiber Cable, Steel Wire, Metal Wire, Messenger Wire | Elongation Test | ASTM A 370 |
| 91 | ELECTRONICS-TELECOMMUNICATION EQUIPMENT (FOR TEC CAB DESIGNATION) | Optical Fiber Cable, Steel Wire, Metal Wire, Messenger Wire | Tensile Strength | ASTM A 370 |
| 92 | ELECTRONICS-TELECOMMUNICATION EQUIPMENT (FOR TEC CAB DESIGNATION) | Optical Fiber Cable, Tube | Tube Kink Resistance / Kink Resistance Test on Loose Tube | Telcordia GR 20 Issue 4 : 2013, IEC 60794-1-23 |
| 93 | ELECTRONICS-TELECOMMUNICATION EQUIPMENT (FOR TEC CAB DESIGNATION) | Optical Fiber Cable, Water Blocking Tape | Swelling Height | TEC 89010 |

# SCOPE OF ACCREDITATION

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|---|---|---|---|
| **Laboratory Name :** | STERLITE TECHNOLOGIES LIMITED - OFC QUALITY ASSURANCE LABORATORY, SURVEY NO. 68/1, RAKHOLI VILLAGE, MADHUBAN DAM ROAD, SILVASSA, DADRA AND NAGAR HAVELI, INDIA | | |
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| 94 | ELECTRONICS-TELECOMMUNICATION EQUIPMENT (FOR TEC CAB DESIGNATION) | Optical Fiber Cable, Water Blocking Tape | Swelling Speed | TEC 89010 |
| 95 | ELECTRONICS-TELECOMMUNICATION EQUIPMENT (FOR TEC CAB DESIGNATION) | Optical Fiber Cable, Water Swellable yarn | Absorption / Swelling Speed | TEC 89010 |
| 96 | ELECTRONICS-TELECOMMUNICATION EQUIPMENT (FOR TEC CAB DESIGNATION) | Optical Fiber Cable, Water Swellable yarn | Absorption / Swelling Capacity | TEC 89010 |
| 97 | ELECTRONICS-TELECOMMUNICATION EQUIPMENT (FOR TEC CAB DESIGNATION) | Optical Fiber Ribbon , Optical Fiber Cable | Ribbon Separation / Ribbon Tear / Ribbon Separability | Telcordia GR 20 Issue 4 : 2013, ICEA 640 : 2016, IEC 60794-1-23 : 2019, IEC 60794-3 : 2014, IEC 60794-1-31 |
| 98 | ELECTRONICS-TELECOMMUNICATION EQUIPMENT (FOR TEC CAB DESIGNATION) | Optical Fiber Ribbon, Optical Fiber Cable | Ribbon Splice Loss | Telcordia GR 20 Issue 4 |
| 99 | ELECTRONICS-TELECOMMUNICATION EQUIPMENT (FOR TEC CAB DESIGNATION) | Optical Fiber Ribbon, Optical Fiber Cable | Ribbon Stripability | Telcordia GR 20 Issue 4 : 2013, ICEA 640 : 2016, TIA-455-178-C : 2021, IEC 60794-1-21 : 2015 AMD1 2021, IEC 60794-3 : 2014, IEC 60794-1-31 : 2021, IEC 60973-1-23 |
| 100 | ELECTRONICS-TELECOMMUNICATION EQUIPMENT (FOR TEC CAB DESIGNATION) | Optical Fiber Ribbon, Optical Fiber Cable | Ribbon Torsion Resistance | GR/OFC-05/02.MAR.2006, TEC 85030 : 2006, IEC 60794-1-31 : 2021, IEC 60794-3 : 2014, IEC 60794-1-23 |
| 101 | ELECTRONICS-TELECOMMUNICATION EQUIPMENT (FOR TEC CAB DESIGNATION) | Optical Fiber Ribbon, Optical Fiber Cable | Ribbon Twist Robustness / Ribbon Torsion / Ribbon Twist Test | Telcordia GR 20 Issue 4 : 2013, IEC 60794-1-31 : 2021, IEC 69794-3 : 2014, TIA-455-141 |
| 102 | ELECTRONICS-TELECOMMUNICATION EQUIPMENT (FOR TEC CAB DESIGNATION) | Optical Fiber, Loose Tube, Optical Fiber Cable | Cable Material Compatibility Test / Material Compatibility Test / Cable Material Compatibility test for Fibre : Fibre to be aged with filling compound for 30 days at 85 degree temperature and 85% Relative Humidity | Telcordia GR 20 Issue 4 : 2013, IEC 60794-3-1, ICEA 640 : 2016, IEC 60794-1-21 : 2015 AMD1 2021, TIA-455-178 C |

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**Laboratory Name :** STERLITE TECHNOLOGIES LIMITED - OFC QUALITY ASSURANCE LABORATORY, SURVEY NO. 68/1, RAKHOLI VILLAGE, MADHUBAN DAM ROAD, SILVASSA, DADRA AND NAGAR HAVELI, INDIA

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| 103 | ELECTRONICS-TELECOMMUNICATION EQUIPMENT (FOR TEC CAB DESIGNATION) | Optical Fiber, Optical Fiber Cable | Water immersion test / Water Immersion Test: Induced attenuation at 1550 nm and 1625 nm due to water immersion at 23 ± 2°C | TEC 85190 : 2022, IEC 60793-1-53 : 2014, IEC 60793-2-50 : 2018, TIA-455-74-B |
| 104 | ELECTRONICS-TELECOMMUNICATION EQUIPMENT (FOR TEC CAB DESIGNATION) | Optical Fiber, Optical Fiber Cable | Clad Diameter / Clading Diameter | IEC 60793-1-20 Method B : 2014 Cor 1 2016, TIA-455-176 B |
| 105 | ELECTRONICS-TELECOMMUNICATION EQUIPMENT (FOR TEC CAB DESIGNATION) | Optical Fiber, Optical Fiber Cable | Mid-span temperature cycling test for exposed buffer tubes( pedestal) | Telcordia GR 20 Issue 4 : 2013 section 6.5.11, TIA-455-244 : 2020, IEC 60794-1-22 F18 |
| 106 | ELECTRONICS-TELECOMMUNICATION EQUIPMENT (FOR TEC CAB DESIGNATION) | Optical Fiber, Optical Fiber Cable | Straight Midspan Access to Optical Elements | IEC 60794-1-21 Method E29 : 2015, AMD 1 2021, Telcordia GR 20 Issue 4 |
| 107 | ELECTRONICS-TELECOMMUNICATION EQUIPMENT (FOR TEC CAB DESIGNATION) | Optical Fiber, Optical Fiber Cable , Optical Fiber Ribbon | Zero Dispersion Wavelength | IEC 60793-1-42 Method B : 2013, TIA 455-175-C |
| 108 | ELECTRONICS-TELECOMMUNICATION EQUIPMENT (FOR TEC CAB DESIGNATION) | Optical Fiber, Optical Fiber Cable , Optical Fiber Ribbon | Optical Length | IEC 60793-1-22 : 2017, Telcordia GR 20 Issue 4 : 2013, IEEE 1222 : 2019, IEEE 1138 : 2021, IEC 60793-1-40 Method C |
| 109 | ELECTRONICS-TELECOMMUNICATION EQUIPMENT (FOR TEC CAB DESIGNATION) | Optical Fiber, Optical Fiber Cable, Optical Fiber Ribbon | Attenuation @ 1310, 1383, 1490, 1550, 1625 nm | ITU-T G.65x, G.650.1 and IEC 60793-2-50 : 2018, IEC 60794-3-10 : 2015, IEEE 1222 : 2019, IEEE 1138 : 2021, Telcordia GR 20 Issue 4 : 2013, IEC 60793-1-40 Method C : 2019, TIA-455-78 C |
| 110 | ELECTRONICS-TELECOMMUNICATION EQUIPMENT (FOR TEC CAB DESIGNATION) | Optical Fiber, Optical Fiber Cable, Optical Fiber Ribbon | Fiber Curl Measurement | IEC 60793-2-50 : 2018, IEC 60793-1-34 |
| 111 | ELECTRONICS-TELECOMMUNICATION EQUIPMENT (FOR TEC CAB DESIGNATION) | Optical Fiber, Optical Fiber Cable, Optical Fiber Ribbon | CD Coefficient @ 1550 nm / Chromatic Dispersion @ 1550 nm | ITU-T G.65x, G.650.1, IEC 60793-2-50 : 2018, IEC 60793-1-42 : 2013, TIA455-175-C |

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**Laboratory Name :** STERLITE TECHNOLOGIES LIMITED - OFC QUALITY ASSURANCE LABORATORY, SURVEY NO. 68/1, RAKHOLI VILLAGE, MADHUBAN DAM ROAD, SILVASSA, DADRA AND NAGAR HAVELI, INDIA

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| 112 | ELECTRONICS-TELECOMMUNICATION EQUIPMENT (FOR TEC CAB DESIGNATION) | Optical Fiber, Optical Fiber Cable, Optical Fiber Ribbon | Coating Cladding Concentricity | IEC 60793-2-50 : 2018, 60793-1-21 |
| 113 | ELECTRONICS-TELECOMMUNICATION EQUIPMENT (FOR TEC CAB DESIGNATION) | Optical Fiber, Optical Fiber Cable, Optical Fiber Ribbon | Cut off Wavelength | IEC 60793-1-44 |
| 114 | ELECTRONICS-TELECOMMUNICATION EQUIPMENT (FOR TEC CAB DESIGNATION) | Optical Fiber, Optical Fiber Cable, Optical Fiber Ribbon | PMD @ 1550 nm , PMD Link Design Value | IEC 60793-1-48 : 2017, ITU-T G.65x, G.650.1, IEC 60793-2-50 : 2018, TIA-EIA-455-157 |
| 115 | ELECTRONICS-TELECOMMUNICATION EQUIPMENT (FOR TEC CAB DESIGNATION) | Optical Fiber, Optical Fiber Cable, Optical Fiber Ribbon | PMD @1310 and PMD Link design value | IEC 60793-1-48 : 2017, ITU-T G.65x, G.650.1, IEC 60793-2-50 : 2018, TIA-EIA-455-157 |
| 116 | ELECTRONICS-TELECOMMUNICATION EQUIPMENT (FOR TEC CAB DESIGNATION) | Optical Fiber, Optical Fiber Cable, Optical Fiber Ribbon | Cable Cut-off Wavelength | IEC 60793-1-44 : 2011, ITU-T G.65x, G.650.1 and IEC 60793-2-50 : 2018, EIA/TIA-455-170 |
| 117 | ELECTRONICS-TELECOMMUNICATION EQUIPMENT (FOR TEC CAB DESIGNATION) | Optical Fiber, Optical Fiber Cable, Optical Fiber Ribbon | CD Coefficient 1270 - 1340 nm Band / Chromatic Dispersion in 1270 - 1340 nm Band | ITU-T G.65x, G.650.1 and IEC 60793-2-50 : 2018, IEC 60793-1-42 : 2013, TIA 455-175-C |
| 118 | ELECTRONICS-TELECOMMUNICATION EQUIPMENT (FOR TEC CAB DESIGNATION) | Optical Fiber, Optical Fiber Cable, Optical Fiber Ribbon | CD Coefficient 1285 - 1330 nm Band / Chromatic Dispersion in 1285 - 1330 nm Band | ITU-T G.65x, G.650.1 and IEC 60793-2-50 : 2018, IEC 60793-1-42 : 2013, TIA 455-175-C |
| 119 | ELECTRONICS-TELECOMMUNICATION EQUIPMENT (FOR TEC CAB DESIGNATION) | Optical Fiber, Optical Fiber Cable, Optical Fiber Ribbon | CD Coefficient 1625 nm / Chromatic Dispersion @ 1625 nm | ITU-T G.65x, G.650.1, IEC 60793-2-50 : 2018, IEC 60793-1-42 : 2013, TIA455-175-C |
| 120 | ELECTRONICS-TELECOMMUNICATION EQUIPMENT (FOR TEC CAB DESIGNATION) | Optical Fiber, Optical Fiber Cable, Optical Fiber Ribbon | CD Coefficient at 1530 to 1565 nm Band / Chromatic Dispersion in 1530 to 1565 nm Band | ITU-T G.655, ITU-T G.65x, G.650.1, IEC 60793-2-50 : 2018, IEC 60793-1-42 : 2013, TIA455-175-C |
| 121 | ELECTRONICS-TELECOMMUNICATION EQUIPMENT (FOR TEC CAB DESIGNATION) | Optical Fiber, Optical Fiber Cable, Optical Fiber Ribbon | CD Coefficient at 1565 to 1625 nm Band, Chromatic Dispersion in 1565 to 1625 nm Band | ITU-T G.655, ITU-T G.65x, G.650.1, IEC 60793-2-50 : 2018, IEC 60793-1-42 : 2013, TIA455-175-C |
| 122 | ELECTRONICS-TELECOMMUNICATION EQUIPMENT (FOR TEC CAB DESIGNATION) | Optical Fiber, Optical Fiber Cable, Optical Fiber Ribbon | Clad Non-circularity / Cladding Non-circularity | IEC 60793-1-20 Method B : 2014 Cor 1 2016, TIA-455-176 B |

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| 123 | ELECTRONICS-TELECOMMUNICATION EQUIPMENT (FOR TEC CAB DESIGNATION) | Optical Fiber, Optical Fiber Cable, Optical Fiber Ribbon | Coating Non-circularity | IEC 60793-2-50 : 2018, 60793-1-21 |
| 124 | ELECTRONICS-TELECOMMUNICATION EQUIPMENT (FOR TEC CAB DESIGNATION) | Optical Fiber, Optical Fiber Cable, Optical Fiber Ribbon | Core-clad Concentricity Error / Mode field concentricity error | IEC 60793-2-50 : 2018, 60793-1-20 : 2014 Cor 1 2016, TIA-455-176 B |
| 125 | ELECTRONICS-TELECOMMUNICATION EQUIPMENT (FOR TEC CAB DESIGNATION) | Optical Fiber, Optical Fiber Cable, Optical Fiber Ribbon | Dispersion Slope at 1550 nm | ITU-T G.655, ITU-T G.65x, G.650.1, IEC 60793-2-50 : 2018, IEC 60793-1-42 : 2013, TIA455-175-C |
| 126 | ELECTRONICS-TELECOMMUNICATION EQUIPMENT (FOR TEC CAB DESIGNATION) | Optical Fiber, Optical Fiber Cable, Optical Fiber Ribbon | Fiber Coating Measurement / Primary Coating Diameter / Coloured Fibre Coating Diameter / Diameter over primary coated with double UV cured acrylate (Uncoloured Fiber) | IEC 60793-1-21 : 2001, IEC 60793-2-50 |
| 127 | ELECTRONICS-TELECOMMUNICATION EQUIPMENT (FOR TEC CAB DESIGNATION) | Optical Fiber, Optical Fiber Cable, Optical Fiber Ribbon | Fiber Fusibility / Fiber Spilce Loss / Splice Loss / Ribbon Splice Loss | Telcordia GR 20 Issue 4 |
| 128 | ELECTRONICS-TELECOMMUNICATION EQUIPMENT (FOR TEC CAB DESIGNATION) | Optical Fiber, Optical Fiber Cable, Optical Fiber Ribbon | Fiber Macro Bending / Macro Bending / Ribbon Macro Bending | IEC 60793-2-50 : 2018, ITU-T G.657. A & G.657.B, G.650.1, G.65x, G.652.D, G655, IEC 60793-1-47 : 2017, TIA-455-62-C |
| 129 | ELECTRONICS-TELECOMMUNICATION EQUIPMENT (FOR TEC CAB DESIGNATION) | Optical Fiber, Optical Fiber Cable, Optical Fiber Ribbon | Fiber Stripability (Peak Stripability Force) / Fiber Stripability (Average Stripability Force) / Peak Stripability Force to remove primary coating of the fibre | TIA-455-178-C : 2021, Telcordia GR 20 issue 4 : 2013, IEC 60793-2-50 : 2018, IEC 60793-1-32 : 2018, IEC 60973-1-23 |
| 130 | ELECTRONICS-TELECOMMUNICATION EQUIPMENT (FOR TEC CAB DESIGNATION) | Optical Fiber, Optical Fiber Cable, Optical Fiber Ribbon | Mode Field diameter (MFD) of Single Mode fibers at 1310 nm & 1550 nm / Nominal diameter | IEC 60793-1-45 Method B : 2017, RDSO/SPN/TC/110 |
| 131 | ELECTRONICS-TELECOMMUNICATION EQUIPMENT (FOR TEC CAB DESIGNATION) | Optical Fiber, Optical Fiber Cable, Optical Fiber Ribbon | Point Discontinuities / Sudden Irregularity in Attenuation | Telcordia GR 20 Issue 4 : 2013, TEC 89010 |

# SCOPE OF ACCREDITATION

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| 132 | ELECTRONICS-TELECOMMUNICATION EQUIPMENT (FOR TEC CAB DESIGNATION) | Optical Fiber, Optical Fiber Cable, Optical Fiber Ribbon | Slope at Zero Dispersion / Zero Dispersion Slope / Slope at Wavelength (1250-1630) | IEC 60793-1-42 Method B |
| 133 | ELECTRONICS-TELECOMMUNICATION EQUIPMENT (FOR TEC CAB DESIGNATION) | Optical Fiber, Optical Fiber Cable, Optical Fiber Ribbon | Spectral Attenuation | IEC 60793-1-40 : 2019, TIA-455-78 C |
| 134 | ELECTRONICS-TELECOMMUNICATION EQUIPMENT (FOR TEC CAB DESIGNATION) | Optical Fiber, Optical Fiber Cable, Optical Fiber Ribbon | Water Peak Attenuation @ 1383 nm / Water Peak Attenuation @ 1383 ± 3 nm / Water Peak Attenuation between 1380 -1390 nm | IEC 60793-1-40 : 2019, TIA-455-78 C |
| 135 | ELECTRONICS-TELECOMMUNICATION EQUIPMENT (FOR TEC CAB DESIGNATION) | Optical fibre Cable, Micro Modules | Stripability of Module for Extraction of optical fibres / Strippability test - Micromodule | ST/CNET/5843, ORANGE/OLN/WNI/20/12/04, TEC ER No TEC 70022110 |
| 136 | ELECTRONICS-TELECOMMUNICATION EQUIPMENT (FOR TEC CAB DESIGNATION) | Optical Fibre Cable, Steel Tape, Wire | Electrical Continuity | IEC 60794-1-24 : 2014, IEC 60794-3-11 : 2014, IEC 60794-1-401 : 2021, IEC 60794-1-402 : 2021, IEC 60794-1-403 |
| 137 | ELECTRONICS-TELECOMMUNICATION EQUIPMENT (FOR TEC CAB DESIGNATION) | Plastics, Optical fiber Cable | Tracking & Erosion Test | IEC60794-4-20 : 2018, ASTM D 2303 |
| 138 | ELECTRONICS-TELECOMMUNICATION EQUIPMENT (FOR TEC CAB DESIGNATION) | Plastics, Optical Fiber Cables | Density Test | ASTM D792 : 2020, ASTM D1505 : 2018, BS2782 Part 6 Method 620 A-D, BS EN 60811-1-3 : 2001 Amd1 2002, ISO 1183 |
| 139 | ELECTRONICS-TELECOMMUNICATION EQUIPMENT (FOR TEC CAB DESIGNATION) | Plastics, Optical Fiber Cables | Elongation | ASTM D638 : 2022, ISO 527 : 2019, ASTM D 412 |
| 140 | ELECTRONICS-TELECOMMUNICATION EQUIPMENT (FOR TEC CAB DESIGNATION) | Plastics, Optical Fiber Cables | Melt Flow Rate / Melt Flow Index | ASTM D1238 : 2020, BS2782 Part 7 (Method 720A), ISO 1133 : 2022, ASTM D4565 |
| 141 | ELECTRONICS-TELECOMMUNICATION EQUIPMENT (FOR TEC CAB DESIGNATION) | Plastics, Optical Fiber Cables | Hardness (Shore D) | ASTM D2240 : 2015, ISO 868 |

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| 142 | ELECTRONICS-TELECOMMUNICATION EQUIPMENT (FOR TEC CAB DESIGNATION) | Plastics, Optical Fiber Cables | Melting Point | ASTM D3418:2021, ASTM D2117:1982 DSC Method, ASTM D789 |
| 143 | ELECTRONICS-TELECOMMUNICATION EQUIPMENT (FOR TEC CAB DESIGNATION) | Plastics, Optical Fiber Cables | Tensile Strength | ASTM D638:2022, ISO 527:2019, ASTM D 412:2016, ASTM D4565 |
| 144 | ELECTRONICS-TELECOMMUNICATION EQUIPMENT (FOR TEC CAB DESIGNATION) | Plastics, Optical Fiber Cables | UV Resistance Test | IEC 60794-1-22 Method F14 : 2017, ISO 4892-2 :2013 Amd1 2021, ISO 4892-3:2016, IEC 60794-1-21 : 2015 AMD1 2021, ASTM G-154 : 2016, BS EN 50289-4-17 |
| 145 | ELECTRONICS-TELECOMMUNICATION EQUIPMENT (FOR TEC CAB DESIGNATION) | Polyester Ripcord, Optical Fiber Cable | Non Wicking Treatment | TEC 89010 |
| 146 | ELECTRONICS-TELECOMMUNICATION EQUIPMENT (FOR TEC CAB DESIGNATION) | Polyester Ripcord, Optical Fiber Cable | Grams Per Denier (GPD) | ASTM D2256 : 2021, TEC89010 |
| 147 | ELECTRONICS-TELECOMMUNICATION EQUIPMENT (FOR TEC CAB DESIGNATION) | Polyolefines (PE & PP), Optical Fiber Cable | Environmental Stress Cracking Resistance | ASTM D1693 : 2021, TEC89010 : 2021, ASTM D4565 |
| 148 | ELECTRONICS-TELECOMMUNICATION EQUIPMENT (FOR TEC CAB DESIGNATION) | Polyolefines (PE & PP), Optical Fiber Cable | Carbon Black Content | ASTM D1603 |
| 149 | ELECTRONICS-TELECOMMUNICATION EQUIPMENT (FOR TEC CAB DESIGNATION) | Polyolefins (PE & PP), Optical Fiber Cable | Carbon Black Dispersion | ISO 18553 : 2002/AMD 1 2007, IS-7328 |
| 150 | ELECTRONICS-TELECOMMUNICATION EQUIPMENT (FOR TEC CAB DESIGNATION) | Polyolefins (PE & PP), Optical Fiber Cable | Oxidation Induction Time | ASTM D3895 : 2019, IEC 538, ASTM D4565 |
| 151 | ELECTRONICS-TELECOMMUNICATION EQUIPMENT (FOR TEC CAB DESIGNATION) | Water Blocking Tape, Polyfilm Tape, SS304 Tape, ECCS Tape, Steel Tape,Optical Fiber Cable | Thickness of Tapes / Copolymer Thickness of Tape | Micrometer, TEC 89010 |