



FST Flexible Service Terminal, 12 Port, 12 Full-size hardened Adapters at drop side, 1 HMFOC Plug at feeder side, green, 1 m long

- Flexible Service Terminals incorporate hardened connector technology that is designed to withstand the rugged outside plant environment
- Hardened connectors are factory-terminated and environmentally sealed for use in optical drop cable deployments
- Flexible structure plus very small branching unit, allowing installation in constrained spaces
- Output cables are staggered, optimizing distributed space consumption and minimizing cable kinking

## Product Classification

|                              |                                       |
|------------------------------|---------------------------------------|
| <b>Product Type</b>          | Access terminal, without splitter/tap |
| <b>Product Series</b>        | FST                                   |
| <b>Regional Availability</b> | Asia   Latin America   North America  |

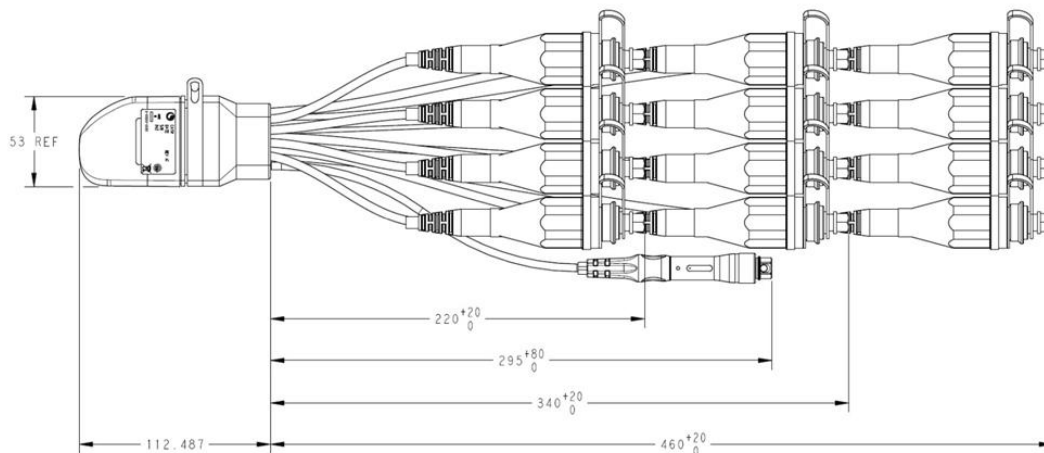
## General Specifications

|                           |                                   |
|---------------------------|-----------------------------------|
| <b>Distribution Type</b>  | 12 ports                          |
| <b>Port, quantity</b>     | 12                                |
| <b>Cable Type</b>         | Dielectric - Flat - Loose Tube    |
| <b>Port Type</b>          | Hardened full-size SC/APC         |
| <b>Stub Type</b>          | Hardened multi-fiber (HMFOC) plug |
| <b>Cable, quantity</b>    | 13                                |
| <b>Enclosure Color</b>    | Black                             |
| <b>Package, quantity</b>  | 1                                 |
| <b>Packaging Type</b>     | Box   Carton                      |
| <b>Splitter, quantity</b> | 0                                 |

## Dimensions

|                               |                   |
|-------------------------------|-------------------|
| <b>Cable Length</b>           | 1.00 m   3.28 ft  |
| <b>Outer Cable Dimensions</b> | 5.0 mm (0.20 in)  |
| <b>Weight, without cable</b>  | 0.68 kg   1.50 lb |

## Dimension Drawing



## Mechanical Specifications

|                                |                     |
|--------------------------------|---------------------|
| <b>Enclosure Material Type</b> | Engineered plastic  |
| <b>Mount Type</b>              | Handhole   Pedestal |

## Optical Specifications

|  |   |
|--|---|
| <b>Attenuation at Length, maximum</b>              | 0.25 dB/km @ 1550 nm   0.35 dB/km @ 1310 nm |
| <b>Fiber Type</b>                                  | G.657.A2                                    |
| <b>Insertion Loss, Stub Connector, maximum</b>     | 0.45 dB                                     |
| <b>Insertion Loss, Stub Connector, typical</b>     | 0.16 dB                                     |
| <b>Insertion Loss, Terminal Connector, maximum</b> | 0.40 dB                                     |
| <b>Insertion Loss, Terminal Connector, typical</b> | 0.16 dB                                     |
| <b>Return Loss, Connector, minimum</b>             | 65 dB                                       |
| <b>Wavelength Range</b>                            | 1310–1625 nm                                |

## Environmental Specifications

|                               |   |
|-------------------------------|---|
| <b>Environmental Space</b>    | Above ground   Below ground   Buried  |
| <b>Flammability Rating</b>    | UL 94 5VA   |
| <b>Operating Temperature</b>  | -40 °C to +70 °C (-40 °F to +158 °F)  |
| <b>Qualification Standard</b> | IEC 60529, IP68 + 3 m waterhead   Telcordia GR-3120-CORE   Telcordia GR-3152-CORE   Telcordia GR-326-CORE |
| <b>Relative Humidity</b>      | 90%–100%, non-condensing  |
| <b>UV Resistance</b>          | UV stabilized   |

## Regulatory Compliance/Certifications

**Agency**

RoHS 2011/65/EU  
ISO 9001:2015

**Classification**

Compliant  
Designed, manufactured and/or distributed under this quality management system

