

# 760118018 | SFC-STF-09-8X

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Qwik II Connector™, ST, Singlemode-UPC, Blue, for 250/900um, single per pack

## Product Classification

|                              |   |
|------------------------------|---|
| <b>Regional Availability</b> | Asia   Australia/New Zealand   EMEA   Latin America   North America |
| <b>Portfolio</b>             | CommScope®  |
| <b>Product Type</b>          | Fiber connector   |
| <b>Product Brand</b>         | Qwik   TeraSPEED®   |
| <b>Product Series</b>        | Qwik II   |

## General Specifications

|                          |                                       |
|--------------------------|---------------------------------------|
| <b>Body Style</b>        | BTW                                   |
| <b>Color</b>             | Blue                                  |
| <b>Color, boot</b>       | Black                                 |
| <b>Ferrule Geometry</b>  | Factory polished                      |
| <b>Interface</b>         | ST/UPC                                |
| <b>Interface Feature</b> | Field Installable   Mechanical splice |

## Dimensions

|   |                    |
|---|--------------------|
| <b>Length</b>                             | 50.2 mm   1.976 in |
| <b>Compatible Cable Diameter, maximum</b> | 0.9 mm   0.035 in  |
| <b>Compatible Cable Diameter, minimum</b> | 0.25 mm   0.01 in  |

## Material Specifications

|                         |          |
|-------------------------|----------|
| <b>Ferrule Material</b> | Zirconia |
|-------------------------|----------|

## Mechanical Specifications

|  |               |
|--|---------------|
| <b>Cable Retention Strength, maximum</b> | 1.00 lb @ 0 ° |
|--|---------------|

## Optical Specifications

|                   |            |
|-------------------|------------|
| <b>Fiber Mode</b> | Singlemode |
|-------------------|------------|

|   |                   |
|---|-------------------|
| <b>Fiber Type</b>                         | OS2               |
| <b>Insertion Loss Change, mating</b>      | 0.3 dB            |
| <b>Optical Components Standard</b>        | ANSI/TIA-568. 3-D |
| <b>Insertion Loss Change, temperature</b> | 0.3 dB            |
| <b>Insertion Loss, maximum</b>            | 0.5 dB            |
| <b>Insertion Loss, typical</b>            | 0.2 dB            |
| <b>Return Loss, minimum</b>               | 45 dB             |

## Environmental Specifications

|                              |                                      |
|------------------------------|--------------------------------------|
| <b>Operating Temperature</b> | -40 °C to +75 °C (-40 °F to +167 °F) |
|------------------------------|--------------------------------------|

## Packaging and Weights

|                           |   |
|---------------------------|---|
| <b>Packaging quantity</b> | 1 |
|---------------------------|---|

## Regulatory Compliance/Certifications

| <b>Agency</b> | <b>Classification</b>  |
|---------------|--|
| CHINA-ROHS    | Below maximum concentration value  |
| ISO 9001:2015 | Designed, manufactured and/or distributed under this quality management system   |
| REACH-SVHC    | Compliant as per SVHC revision on <a href="http://www.commscope.com/ProductCompliance">www.commscope.com/ProductCompliance</a> |
| ROHS          | Compliant  |
| UK-ROHS       | Compliant  |



## \* Footnotes

|   |   |
|---|---|
| <b>Insertion Loss Change, mating</b>      | TIA-568: Maximum insertion loss change after 500 matings                |
| <b>Insertion Loss Change, temperature</b> | Maximum insertion loss change from -10 °C to +60 °C (+14 °F to +140 °F) |