

# SP-10800NNS1CABA | PLC 1x8 250UM SC/UPC GRADE C OUTPUT

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Wideband PLC Splitter, singlemode, 1x8, symmetrical split ratio, 0.250 mm cable, SC/UPC grade C output

## Product Classification

|                              |   |
|------------------------------|---|
| <b>Regional Availability</b> | Asia   Australia/New Zealand   China   EMEA   India   Latin America   North America |
| <b>Product Type</b>          | Bare splitter   |

## General Specifications

|                                  |                                |
|----------------------------------|--------------------------------|
| <b>Device Type</b>               | Component, rectangular         |
| <b>Functionality</b>             | Splitting                      |
| <b>Technology Type</b>           | Planar lightwave circuit (PLC) |
| <b>Distribution Type</b>         | 1 x 8 splitter                 |
| <b>Interface, Input</b>          | Stub tail                      |
| <b>Interface, Output</b>         | SC                             |
| <b>Interface Feature, Output</b> | UPC                            |
| <b>Split Ratio</b>               | Symmetrical                    |
| <b>Splitter, quantity</b>        | 1                              |

## Dimensions

|                                 |                   |
|---------------------------------|-------------------|
| <b>Height</b>                   | 4 mm   0.157 in   |
| <b>Width</b>                    | 4 mm   0.157 in   |
| <b>Length</b>                   | 40 mm   1.575 in  |
| <b>Pigtail Length, Input</b>    | 2.5 m   8.202 ft  |
| <b>Pigtail Length, Output</b>   | 1 m   3.281 ft    |
| <b>Pigtail Diameter, Input</b>  | 0.25 mm   0.01 in |
| <b>Pigtail Diameter, Output</b> | 0.25 mm   0.01 in |

## Optical Specifications

|                   |          |
|-------------------|----------|
| <b>Fiber Type</b> | G.657.A2 |
|-------------------|----------|

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|   |              |
|---|--------------|
| <b>Directivity, minimum</b>                 | 55 dB        |
| <b>Polarization Dependent Loss, maximum</b> | 0.2 dB       |
| <b>Uniformity, maximum</b>                  | 1.3 dB       |
| <b>Wavelength Range</b>                     | 1260–1650 nm |
| <b>Insertion Loss, Splitter, maximum</b>    | 10.7 dB      |
| <b>Return Loss, Splitter, minimum</b>       | 50 dB        |

## Environmental Specifications

|                              |                                      |
|------------------------------|--------------------------------------|
| <b>Operating Temperature</b> | -40 °C to +70 °C (-40 °F to +158 °F) |
| <b>Relative Humidity</b>     | 5%–95%, non-condensing               |

## Packaging and Weights

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