

# SP-10400S2S2CAAA | PLC 1x4 250UM IN/OUT SC /APC GRADE C



Wideband PLC Splitter, singlemode, 1x4, symmetrical split ratio, 0.250 mm cable, SC/APC grade C

## Product Classification

### Regional Availability

Asia | Australia/New Zealand | China | EMEA | India | Latin America | North America

### Product Type

Bare splitter

## General Specifications

### Device Type

Component, rectangular

### Functionality

Splitting

### Technology Type

Planar lightwave circuit (PLC)

### Distribution Type

1 x 4 splitter

### Interface, Input

SC

### Interface, Output

SC

### Interface Feature, Output

APC

### Split Ratio

Symmetrical

### Splitter, quantity

1

## Dimensions

### Height

4 mm | 0.157 in

### Width

4 mm | 0.157 in

### Length

40 mm | 1.575 in

### Pigtail Length, Input

1 m | 3.281 ft

### Pigtail Length, Output

1 m | 3.281 ft

### Pigtail Diameter, Input

0.25 mm | 0.01 in

### Pigtail Diameter, Output

0.25 mm | 0.01 in

## Optical Specifications

### Fiber Type

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 dB         |
| <b>Wavelength Range</b>                     | 1260–1650 nm |
| <b>Insertion Loss, Splitter, maximum</b>    | 7.7 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 |
|---------------------------|---|