

# SP-10800NNS2CABA | PLC 1X8 250UM SC/APC GRADE C OUTPUT

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Wideband PLC Splitter, singlemode, 1x8, symmetrical split ratio, 0.250 mm cable, SC/APC 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/APC
<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
<b>Directivity, minimum</b>	55 dB

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<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
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## Regulatory Compliance/Certifications

<b>Agency</b>	<b>Classification</b>
CHINA-ROHS	Below maximum concentration value
REACH-SVHC	Compliant as per SVHC revision on <a href="https://www.commscope.com/ProductCompliance">www.commscope.com/ProductCompliance</a>
ROHS	Compliant
UK-ROHS	Compliant

