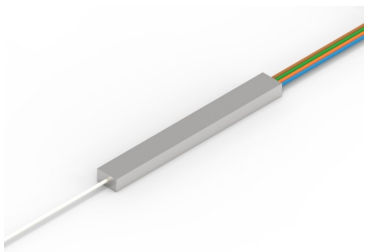


# SP-10800NNNNXABB | PLC 1X8 250UM NO CONN



Wideband PLC Splitter, singlemode, 1x8, symmetrical split ratio, 0.250 mm cable, no connectors

- Product complies with the Build America, Buy America Act (BABAA) requirements of the Infrastructure Investment and Jobs Act of 2021 (Pub. L. 117- 58, §§ 70901-70953), or are the subject of a waiver approved by the Secretary of Commerce or designee.

## 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 8 splitter
Interface, Input	Stub tail
Interface, Output	Stub tail
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	2.5 m   8.202 ft
Pigtail Length, Output	2.5 m   8.202 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
Directivity, minimum	55 dB

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Polarization Dependent Loss, maximum	0.2 dB
Uniformity, maximum	0.6 dB
Wavelength Range	1260–1650 nm
Insertion Loss, Splitter, maximum	10.4 dB
Return Loss, Splitter, minimum	55 dB

## Environmental Specifications

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

## Packaging and Weights

Packaging quantity	1
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## Regulatory Compliance/Certifications

Agency	Classification
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

