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 is the subject of a waiver approved by the Secretary of Commerce or designee. Compliance requirements and waiver applicability vary based on government funding program. Check the laws and regulations for your specific program.

Product Classification

Regional Availability	Asia | Australia/New Zealand | China | EMEA | India | Latin America | North America
Product Type	Bare splitter
Government Requirements	Build America Buy America (BABA) compliant*

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
Location of Manufacturing	Waived per BABA waiver for BEAD Program
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

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Pigtail Length, Input	2.5 m | 8.202 ft
Pigtail Length, Output	2.5 m | 8.202 ft
Pigtail Diameter, Input	0.25 mm
Pigtail Diameter, Output	0.25 mm

Optical Specifications

Fiber Type	G.657.A2
Directivity, minimum	55 dB
Polarization Dependent Loss, maximum	0.2 dB
Uniformity, maximum	0.6 dB
Wavelength Range	1260–1650 nm
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

Regulatory Compliance/Certifications

Agency	Classification
CHINA-ROHS	Below maximum concentration value
REACH-SVHC	Compliant as per SVHC revision on www.commscope.com/ProductCompliance
ROHS	Compliant
UK-ROHS	Compliant

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