



NC2000 1.2 GHz 4x4 Segmentable Optical Node

- \*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.

The NC2000 Optical Node Platform is designed for various applications in either HFC or fiber deep architectures. With its bottom entry fiber port and three coaxial output ports, the node's modular design features high RF output levels and 2x2 segmentation and can be wall or pedestal mounted as needed. Available options include alternate route switching, third output via plug-in splitter, and automatic gain control.

Product Classification

Regional Availability	Asia   Australia/New Zealand   EMEA   Latin America   North America
Product Type	Optical node platform
Product Series	OM4120
Government Requirements	Build America Buy America (BABA) compliant*

General Specifications

Location of Manufacturing	Waived per BABA waiver for BEAD Program
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Electrical Specifications

Input Voltage Range, ac	44–90 V
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Environmental Specifications

Operating Temperature	-40 °C to +60 °C (-40 °F to +140 °F)
Relative Humidity	5%–95%, non-condensing

Regulatory Compliance/Certifications

Agency	Classification
CHINA-ROHS	Above maximum concentration value
ROHS	Compliant/Exempted
UK-ROHS	Compliant/Exempted

