

NC259A1E2M2-00000000



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 |
|---------------------------|---|

Electrical Specifications

| | |
|-------------------------|---------|
| Input Voltage Range, ac | 44–90 V |
|-------------------------|---------|

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 |

