

NC442A1S4L1-000000000



NC4000 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 NC4000 optical node platform supports a wide range of advanced architectures and is ideal for Fiber Deep and HFC applications. It is designed to provide the utmost reliability, flexibility, and adaptability in an outdoor optical node platform. With an ultra-high output level of up to 64 dBmV (at 1218 MHz) on each of the four RF ports of the OA4xxx RF Output Amplifier, the NC4000 can be used to extend the reach of the coax distribution network.

Product Classification

Regional Availability	Asia Australia/New Zealand EMEA Latin America North America
Product Type	Optical node platform
Product Series	NC4000
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

