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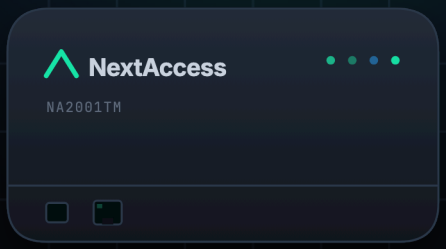
PRODUCT DATASHEET

GIGACOPPER

GigaCopper NTU · 1GE

NA2001T / NA2001TM

Single-port G.hn Wave2 twisted-pair NTU, SISO or MIMO



1 × GE	SISO · MIMO	<3 W	190 g
Ethernet	variants	power draw	weight

OVERVIEW

The NA2001T family is the GigaCopper in-unit termination: plug it into the existing copper wall socket and it delivers one gigabit Ethernet port.

Choose the NA2001T for single-pair (2-wire SISO) runs, or the NA2001TM where two pairs reach the unit and 4-wire MIMO can deliver the highest rate.

KEY FEATURES

- Plugs into the existing RJ11 wall socket
- SISO (NA2001T) or SISO/MIMO (NA2001TM)
- Gigabit Ethernet hand-off
- Managed from the NA2024T

SPECIFICATIONS

Hardware

Architecture	1-GE G.hn Wave2 twisted-pair CPE
Line	1 × G.hn RJ11
Ethernet	1 × 10/100/1000BASE-T RJ45
LEDs	Power, RJ45 link/act, G.hn link
Dimensions	111.5 × 83 × 24.5 mm
Weight	190 g
Power input	12 VDC / 1 A adaptor
Power consumption	< 3 W

Environment

Operating temperature	0 °C to 40 °C
Storage temperature	−25 °C to 80 °C
Operating humidity	5% to 95% non-condensing

G.hn performance

Technology	ITU-T G.hn Wave2
Line modulation	OFDM
NA2001T	2–200 MHz baseband, SISO mode
NA2001TM	2–200 MHz SISO · 2–100 MHz MIMO
Spectrum management	– Power-mask notching – Dynamic PSD – NDIM radio-band notching – NEXT mitigation

ORDERING INFORMATION

NA2001T	1-GE G.hn Wave2 copper NTU, RJ11, SISO mode
NA2001TM	1-GE G.hn Wave2 copper NTU, RJ11, SISO or MIMO mode

Related products: NA2024T

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