

# Nokia 3HE04824AAAA01 Datasheet



Nokia 3HE04824AA 3HE04824AAAA01 10GBASE-SR SFP+ 850nm 300m DOM Duplex LC MMF Optical Transceiver Module IPU3ANLEAA

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This Nokia 3HE04824AA 3HE04824AAAA01 SFP+ transceiver supports up to 300m link lengths over MMF via an LC duplex connector. This transceiver is compliant with SFF-8431, SFF-8432 and IEEE 802.3ae standards. Digital diagnostics monitoring is available via a 2-wire serial interface, as specified in SFF-8472. Featuring low power consumption, high speed, this 10G SFP+ transceiver is ideal for data center, enterprise wiring closet, service provider transport application, Radio & Baseband Unit, etc.

## Specifications

- Brand: Nokia
- Part Numbers: 3HE04824AA, 3HE04824AAAA01, IPU3ANLEAA
- Form Factor: SFP+
- Max Data Rate: 10.3125Gbps
- Wavelength: 850nm
- Max Cable Distance: 300m
- Connector: Duplex LC
- Media: MMF
- Transmitter Type: VCSEL
- Receiver Type: PIN
- TX Power: -7.3~-1dBm

- Receiver Sensitivity:  $< -11.1\text{dBm}$
- Powerbudget:  $3.8\text{dB}$
- Receiver Overload:  $0.5\text{dBm}$
- Typical Power Consumption:  $\leq 0.6\text{W}$
- Extinction Ratio:  $>3\text{dB}$
- Operation Temperature Range:  $0\text{ to }70^{\circ}\text{C}$  ( $32\text{ to }158^{\circ}\text{F}$ )

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