

Alcatel-Lucent 3HE04824AA Datasheet



Alcatel-Lucent 3HE04824AA SFP+ 10GE SR LC Transceiver Module

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This Alcatel-Lucent 3HE04824AA SFP+ transceiver supports up to 400m link lengths over OM4 MMF (300m over OM3 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

- Manufacturer: Alcatel-Lucent
- Part Number: 3HE04824AA
- Form Factor: SFP+
- Max Data Rate: 10.3125Gbps
- Wavelength: 850nm
- Max Cable Distance: 300m@OM3/400m@OM4
- Connector: Duplex LC
- Media: MMF
- Transmitter Type: VCSEL
- Receiver Type: PIN
- TX Power: -7.3~-1dBm
- Receiver Sensitivity: < -11.1dBm

- Powerbudget: 3.8dB
- Receiver Overload: 0.5dBm
- Typical Power Consumption: $\leq 0.6W$
- Extinction Ratio: >3dB
- Commercial Temperature Range: 0 to 70°C (32 to 158°F)
- Protocols: IEEE 802.3ae, SFF-8472, SFF-8431, SFF-8432, SFP+ MSA Compliant, CPRI, eCPRI

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