S25G-L40-CXXL

SFP28 25GbE-LR DDM up to 40km Low-Band CWDM 1271-1331nm 19dB SM

1. Product overview

SFP28 product with hot-pluggable SFP+ footprint as described in the source. CWDM DFB laser and PIN photodiode receiver support 40 km over SMF.

2. Key features

- 40 km SMF transmission
- Duplex LC optical interface
- Digital Diagnostic Monitoring (DDM)
- Hot-pluggable form factor; single +3.3 V supply

3. Applications

25GBASE-LR

4. Technical data

Parameter	Specification
Data rate	Up to 25.78 Gb/s
Fiber	Single-mode fiber
Connector	Duplex LC
Power consumption	Not specified

5. Recommended operating conditions

Parameter	Specification
Case temperature	0 to +70°C
Nominal supply	+3.3 V
Maximum reach	40 km

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6. Optical characteristics

Parameter	Specification
TX output power	0 to +6 dBm
Title CWDM range	1271-1331 nm
Receiver sensitivity	< -13.3 dBm
Budget (technical text)	< -19 dBm
Budget (title)	19 dB

7. Digital diagnostics and management

Parameter	Specification
Digital diagnostic monitoring	Real-time DDM supported

8. Safety and regulatory

SFP+ MSA; SFF-8472; RoHS.

9. Ordering information

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