

16G FC Transceivers

14.025GB/S TRANSCEIVERS DESIGNED FOR MULTIMODE TRANSMISSION OVER FIBRE CHANNEL

- Power dissipation of <1W
- Up to 14.025Gb/s data rates
- Maximum link length of 35m on 50/125µm MMF and 100m on M5E MMF (50/125µm OM3)
- FC-PI-6 compliant
- Electrically hot-pluggable
- 2-wire interface with integrated Digital Diagnostic Monitoring
- Low power with <1W
- Up to 28.05Gb/s Data Links
- Maximum link length of 70m links on OM3 or 100m links on OM4 multimode fiber
- FC-PI-6 compliant
- Electrically hot-pluggable



FEATURES

- Data rates up to 14.025Gb/s
- Power dissipation <1W
- Operating temperature range: 0°C to 70°C
- Compliant with SFP+ MSA with LC connector
- RoHS compliant
- FCC Part 15 compliant
- Safety Certification: UL/FDA

BENEFITS

- Outstanding BER and high sensitivity
- Low power
- Support commercial temperature ranges
- Hot-pluggable with SFP+ footprint
- Meets environmental, health and safety standards
- Lower Electromagnetic Interference (EMI)
- Class 1 Laser Safety per FDA/CDRH

TECHNICAL INFORMATION

MATERIAL

- N/A

MECHANICAL PERFORMANCE

- SFP-8074

ELECTRICAL PERFORMANCE

- FC-PI-5

PACKAGING

- SFP

APPROVALS & CERTIFICATION

- UL, TUV

SPECIFICATION

- SFP MSA

ENVIRONMENTAL

- Case Operating Temperature Range: 0°C to 70°C
- Complies with 8.5/14.025/28.05 Gb/s Fibre Channel

TARGET MARKETS/APPLICATIONS



Data

PART NUMBERS

Description	Part Numbers
16Gb/s FC 850nm Multi-mode SFP+ Transceiver	XP-8596-02D-3