EXAMPLE NETWORKS
Industrial Networking Solutions · Industrial-grade product documentation

TECHNICAL DATASHEET

# Industrial SFP Modules Datasheet

PRODUCT CATEGORY · SFP MODULES

| Document | Revision | Issued | Status |
|---|---|---|---|
| EN-DS-SF-015 | Rev. 1.2 | 2026-01 | Released |

## Overview

Extended temperature SFP module specs. The Industrial SFP Modules is engineered for continuous operation in industrial and enterprise network environments, combining ruggedised hardware with the switching and optical performance required for factory-floor, utility, transportation and building-automation deployments.

## Key Specifications

| | |
|---|---|
| **Form Factor** | SFP MSA (SFF-8431 / SFF-8472), hot-pluggable |
| **Data Rates** | 100 Mbps, 1.25 Gbps, 10 Gbps (SFP+) variants |
| **Wavelength** | 850 nm VCSEL, 1310 nm FP, 1550 nm DFB, CWDM/DWDM channels |
| **Reach** | 300 m to 80 km over single-mode, 550 m over multi-mode |
| **Connector** | Duplex LC, bi-directional single-fiber options |
| **Digital Diagnostics** | DDM/DOM per SFF-8472, temperature and voltage monitoring |
| **Operating Temperature** | Commercial 0–70 °C; industrial -40 °C to +85 °C |
| **Compliance** | RoHS-6, MSA compliant, multi-vendor interoperability tested |

## Compliance & Environmental

- CE, FCC Part 15 Class A, RoHS and REACH compliant
- Designed and manufactured under an ISO 9001 certified quality system
- Each unit is factory burn-in tested and individually serialised
- 5-year limited warranty with advanced replacement for registered partners

## Ordering Information

All models in this series are available through our authorised distribution network. Specify the exact port configuration, fibre type and operating-temperature grade when ordering. Contact datasheets@example.com · +86-10-5555-0100 for volume pricing, samples and custom OEM/ODM options. Specifications are subject to change without notice; the latest revision always supersedes prior issues.