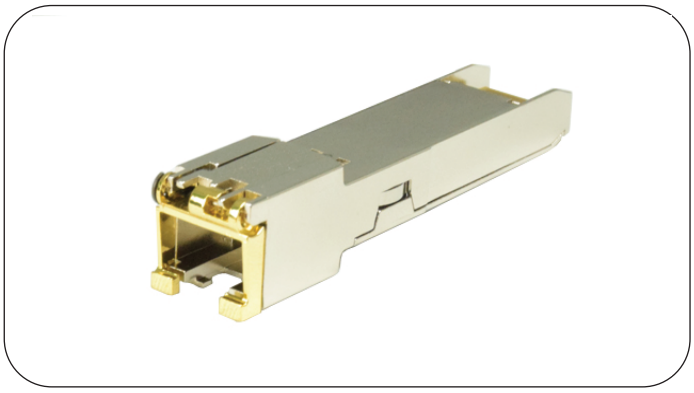
Datasheet

Industrial Rated SFP Interfaces



KY-VDSL2SFP - Range to 3000 Meters

Features:

- Support for protocols from 100 Mbps to 4.25 Gbps
- Gigabit Ethernet, Fiber Channel, and 4-Giabit Fiber Channel
- Digital Diagnostic SFF-8472 compliant
- SFP MSA SFF-8074i compliance
- GR 253/STM G.957 compliance
- Bellcore GR-468 compliance
- Low jitter
- Hot plug-in support
- Low EMI metal enclosure
- Class 1 laser
- RoHS compliance, NEMA TS-2,
- 21 CFR 1040.10 & 1040.11 compliance "UL / "TUV / "CSA Laboratory Certifications

Overview

Small Form-Factor Pluggable (SFP) interfaces from DYMEC provide flexible, and secure high speed optical links in a small industry standard package. They deliver the deployment options and inventory control that network administrators demand for growing industrial networks. Designed to operate in extreme temperatures and harsh environments.

SFPs are designed to Multi-Source Agreement (MSA) standards to ensure network equipment compatibility. They are a perfect addition to the DYMEC line of Secure Optical Links® pluggable media modules and chassis, and they compliment the DYMEC line of traffic products, Ethernet routers and Layer 2 Ethernet switches. Secure, safe and reliable communication links for industrial, SCADA networks. Temperature hardened, and Ruggedized. Buy the best for your network. Cisco Compatible & Tested.

Visit the DYMEC website at: DYMEC.com or contact your nearest authorized DYMEC dealer for more information.

Ordering Information - Industrial SFP's

DYMEC Part Number	Description	Connector Type	Wavelength (nm)	Output Power (dBm)		Min. Reciever Sensitivity (dBm)	LASER	Current Consumption	BER	Data Rate	Supply Voltage (V)	Oper. Temp. Range (°C)	Digital Diagnostics	Distance Range (km)
				Min	Max									
KY-SFaSFP-2KM GARRETTCOM	SFP Single-mode	LC Dual	1300nm	-3	-9	<-18	FP LD	300ma	$1.00E^{-15}$	1.55 Mbps	3.3V	-40~+85	No	<2KM
KY-SFaSFP-550M	SFP Single-mode	LC Dual	850nm	-3	-9	<-18	FP LD	300ma	$1.00E^{-15}$	1.55 Mbps	3.3V	-20~+85	No	<550M
KY-SFaSFP-10KM	SFP Single-mode	LC Dual	1310nm	-3	-9	<-18	FP LD	300ma	$1.00E^{-15}$	1.55 Mbps	3.3V	-40~+85	No	<10KM
KY-GLC-LX-SM-RGD Cisco	SFP Single-mode	LC Dual	1310nm	0	-5	<-18	FP LD	300ma	$1.00E^{-15}$	1.25 Gbps	3.3V	-40~+85	Yes	<10KM
KY-BiDiSFP-LX10K	SFP Single-mode	LC Single	1310nm	+2	-3	<-18	DFB LD	300ma	$1.00E^{-15}$	1.25 Gbps	3.3V	-40~+85	Yes	<10KM
KY-BiDiSFP-LX20K	SFP Single-mode	LC Single	1550nm	+5	0	<-18	DFB LD	300ma	$1.00E^{-15}$	1.25 Gbps	3.3V	-40~+85	Yes	<20KM
KY-VDSL2SFP	SFP VDSL2	RJ-45 CAT 5-6	N/A	N/A	N/A	N/A	Serdes	300ma	$1.00E^{-15}$	100 Mbps	3.3V	-40~+85	No	<3000M

* DL - Dispersion Limited
** Dispersion penalty may apply