DYMEC
AMERICAN INDUSTRIAL

KY-VDSL2SFP

VDSL2 Industrial Long Range Ethernet SFP

Features:

- Support for protocols from 1 Mbps to 100 Mbps
- Long Range Fast Ethernet: Provides 100 / 100 Mbps Up to 400 Meters over Cat5e
- Configurable SNR Profile for Noisy Environments
- 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
- Temperature Hardened: -40 ~ +85c
- RoHS compliance, NEMA TS-2,
- 21 CFR 1040.10 & 1040.11 compliance "UL / "TUV / "CSA Laboratory Certifications

Overview

The KY-VDSL2SFP is an MSA compliant Small Form Factor Pluggable module that enable Ethernet Switches that support the Serdes SFP interface specification. All DYMEC x Series Switches support the

Ordering Information - GIGABIT Industrial SFP's.......550Meters ~ 80KM & Copper RJ45

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-MGSFP-550M	SFP Multi-mode	LC Dual	850nm	-3	-9	<-18	VCSEL	300ma	1.00E^{-15}	1.25 Gbps	3.3V	-20~+85	Yes	<550M
KY-MGSFP-LR2KM	SFP Multi-mode	LC Dual	1310nm	-3	-9	<-18	VCSEL	300ma	1.00E^{-15}	1.25 Gbps	3.3V	-40~+85	No	<2KM
KY-SGSFP-LX10K	SFP Single-mode	LC Dual	1310nm	-3	-9	<-18	FP LD	300ma	1.00E^{-15}	1.25 Gbps	3.3V	-40~+85	Yes	<10KM
KY-SGSFP-LX20K	SFP Single-mode	LC Dual	1310nm	0	-5	<-18	FP LD	300ma	1.00E^{-15}	1.25 Gbps	3.3V	-40~+85	Yes	<20KM
KY-SGSFP-LX40K	SFP Single-mode	LC Dual	1310nm	+2	-3	<-18	DFB LD	300ma	1.00E^{-15}	1.25 Gbps	3.3V	-40~+85	Yes	<40KM
KY-SGSFP-LX80K	SFP Single-mode	LC Dual	1550nm	+5	0	<-18	DFB LD	300ma	1.00E^{-15}	1.25 Gbps	3.3V	-40~+85	Yes	<80KM
KY-CGSFP-TXRJ	SFP Copper-RJ	RJ-45	N/A	N/A	N/A	N/A	SGMII	300ma	1.00E^{-15}	1.25 Gbps	3.3V	-40~+85	No	<100M

* DL - Dispersion Limited
** Dispersion penalty may apply