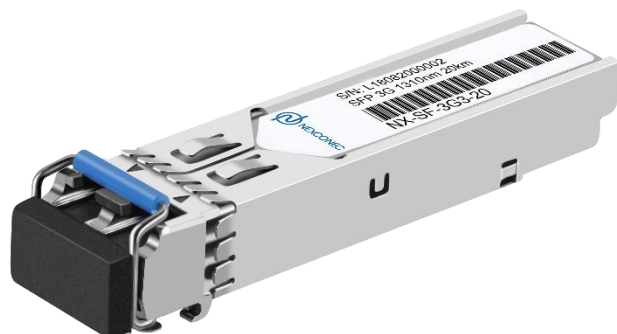


3G VIDEO SFP TRANSCEIVER



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Nexconec 3G Video SFP transceivers are compatible with the Small Form Factor Pluggable Multi-Sourcing Agreement (MSA), the transceiver consists of five sections: the LD driver, the limiting amplifier, the digital diagnostic monitor, the 1310nm DFB laser and the PIN photo-detector. The module data link up to 20KM in 9/125um single mode fiber.

FEATURES

- ✓ Up to 3Gbps data rate
- ✓ HD-SDI SFP Transceiver available
- ✓ SD-SDI SFP Transceiver available
- ✓ 3G-SDI SFP Transceiver available
- ✓ 1310nm DFB Laser and PIN photo detector; International Class1 laser safety certified
- ✓ Duplex LC receptacle optical interface compliant
- ✓ Hot-pluggable; DDMI function available with internally calibrated mode
- ✓ Single +3.3V power supply
- ✓ Operating temperature range: Commercial: -5°C~+70°C, Industrial: -40°C~+85°C
- ✓ RoHS compliant and lead-free

APPLICATIONS

- ✓ Switch to Switch Interface; Switched Backplane Applications; Router/Server Interface; Gigabit Ethernet; Other Optical Links

SPECIFICATIONS

Part Number	Package	Data Rate	Wavelength	Reach	TX	RX	Connector	TX Power	RX Sensitivity	Temp
SDTV-31G3-20-xx	SFP	3G	1310nm	20km	DFB	PIN	LC	-5~0dBm	<-18	-5~70°C
SDTV-31G3-20F-xx	SFP	3G	1310nm	20km	DFB	PIN	LC	-5~0dBm	<-18	-40~85°C
HDTV-31G3-20-xx	SFP	3G	1310nm	20km	DFB	PIN	LC	-5~0dBm	<-18	-5~70°C
HDTV-31G3-20F-xx	SFP	3G	1310nm	20km	DFB	PIN	LC	-5~0dBm	<-18	-40~85°C
SDTV-31G3-20-T-xx	SFP	3G	1310nm	20km	DFB	-	LC	-5~0dBm	-	-5~70°C
SDTV-31G3-20F-T-xx	SFP	3G	1310nm	20km	DFB	-	LC	-5~0dBm	-	-40~85°C
HDTV-31G3-20-T-xx	SFP	3G	1310nm	20km	DFB	-	LC	-5~0dBm	-	-5~70°C
HDTV-31G3-20F-T-xx	SFP	3G	1310nm	20km	DFB	-	LC	-5~0dBm	-	-40~85°C
HDTV-31G3-20-R-xx	SFP	3G	-	20km	-	PIN	LC	-	<-18	-5~70°C
HDTV-31G3-20F-R-xx	SFP	3G	-	20km	-	PIN	LC	-	<-18	-40~85°C
SDTV-31G3-20-R-xx	SFP	3G	-	20km	-	PIN	LC	-	<-18	-5~70°C
SDTV-31G3-20F-R-xx	SFP	3G	-	20km	-	PIN	LC	-	<-18	-40~85°C

ORDER INFORMATION

Part Number	Product Description
SDTV-31G3-20-xx	3G Video SFP Transceiver LC Duplex 1310nm 20km
SDTV-31G3-20F-xx	3G Video SFP Transceiver LC Duplex 1310nm 20km
HDTV-31G3-20-xx	3G Video SFP Transceiver LC Duplex 1310nm 20km
HDTV-31G3-20F-xx	3G Video SFP Transceiver LC Duplex 1310nm 20km
SDTV-31G3-20-T-xx	3G Video SFP Transceiver LC Duplex 1310nm 20km
SDTV-31G3-20F-T-xx	3G Video SFP Transceiver LC Duplex 1310nm 20km
HDTV-31G3-20-T-xx	3G Video SFP Transceiver LC Duplex 1310nm 20km
HDTV-31G3-20F-T-xx	3G Video SFP Transceiver LC Duplex 1310nm 20km

HDTV-31G3-20-R-xx	3G Video SFP Transceiver LC Duplex 20km
HDTV-31G3-20F-R-xx	3G Video SFP Transceiver LC Duplex 20km
SDTV-31G3-20-R-xx	3G Video SFP Transceiver LC Duplex 20km
SDTV-31G3-20F-R-xx	3G Video SFP Transceiver LC Duplex 20km

Notes

1. Where "xx" denotes compatibility short codes. (xx = CI for Cisco, xx = DL for DELL etc.)
2. Compatible Short codes are as follows:

<i>Short codes</i>	<i>Value</i>		<i>Short codes</i>	<i>Value</i>
CI	Cisco		HW	Huawei
ML	Mellanox		DK	D-Link
MK	Mikrotik		HC	H3C
JP	Juniper		CN	Ciena
BR	Brocade		EC	Edge-Core
DL	DELL		AL	Alcatel-Lucent
FT	Fortinet			