

Gigabit Transceivers

Mini-GBIC SFP transceivers for
N-Tron's Gigabit Network Products



SFP Gigabit Fiber Transceiver Characteristics

Fiber Length	550m for 50/125 μ m 275m for 62.5/125 μ m*	10km**	40km**	80km**
TX Power Min	-9.5dBm	-9.5dBm	-2dBm	0dBm
RX Sensitivity Max	-17dBm	-20dBm	-22dBm	-24dBm
Wavelength	850nm	1310nm	1310nm	1550nm
Assumed Fiber Loss	3.5 to 3.75 dB/km	0.45 dB/km	0.35 dB/km	0.25 dB/km
Laser Type	VCSEL	FP	DFB	DFB

* SX Fiber Optic Cable
** LX Fiber Optic Cable

Variety and Flexibility

Pluggable mini-GBIC transceivers from N-Tron® fully comply with strict industry standards to ensure robust functionality in fiber optic networks. All modules are designed with high-performance industrial features, including expanded temperature ranges, to operate reliably under harsh conditions. N-Tron's SFPs may be used in combination on each switch. Varieties include 1000Base-T, 1000Base-SX and 1000Base-LX.

ORDERING INFORMATION

PART NUMBER	DESCRIPTION
NTSFP-TX	Optional SFP (Mini-GBIC) Transceiver with One 1000BaseT GB Copper Port (up to 100 meters)
NTSFP-SX.....	Optional SFP (Mini-GBIC) Transceiver with One 1000BaseSX Multimode GB Fiber Optic Port
NTSFP-LX-ZZ	Optional SFP (Mini-GBIC) Transceiver with One 1000BaseLX Singlemode GB Fiber Optic Port
	ZZ = 10, 40, or 80 km

N-TRON USA & Corporate Headquarters
820 S. University Blvd • Suite 4E
Mobile, AL 36609 • USA
Phone +1-251-342-2164
Fax +1-251-342-6353

www.n-tron.com

N-TRON ASIA PACIFIC
CHINA
Phone +86 (0) 21-6113-3688
Fax +86 (0) 21-6113-3683

INDIA
Phone +91-9844-876540

SINGAPORE
Phone +65-8118-6821

N-TRON EMEA
Phone +41-41-740-6636
Fax +41-41-740-6637

N-TRON UK/IRELAND/NORDIC/BENELUX
Phone +44 (0) 1928-577257

QUALITY MANAGEMENT SYSTEM
CERTIFIED BY DNV
ISO 9001:2008

© 2011 N-TRON Corporation. N-Tron and the N-Tron logo are trademarks of N-TRON, Corporation. Product names mentioned herein are for identification purposes only and may be trademarks and/or registered trademarks of their respective company. The responsibility for the use and application of N-Tron products rests with the end user. N-Tron makes no warranties as to the fitness or suitability of any N-Tron product for any specific application. N-Tron Corporation shall not be liable for any damage resulting from the installation, use, or misuse of this product. Specifications subject to change without notice. REV 2011.03.24