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Gigabit Transceivers

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



Gigabit SFP Fiber Transceiver Characteristics

Fiber Length	550m for 50/125µm 275m for 62.5/125µm	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

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