

fiber options

OH-TR-10G-RJ45 SFP Data Sheet

10 Gbit/s Electrical Transceiver with RJ45 connector

- Electrical transceiver for 10 Gbit/s (IEEE 802.3an) or 1 Gbit/s (IEEE 802.3ab)
- RJ45 connection
- Distance up to 30 m @10G using CAT6A cable (or better)**
- Pluggable and hot swappable
- Lead free and RoHS compliant

The OH-TR-10G-RJ45 is a plug in option with RJ45 connector for CAT5E (or better) cables for select LYNX Technik products. The transfer rate is 10 or 1 Gbit/s, depending on the connected device.

A socket, or "cage" is provided for the SFP in the supporting LYNX product for easy installation or upgrade. The SFP is hot swappable.



TX Specifications

Parameter	Min	Typ	Max
Output Impedance	-	100 Ω	-
CML Inputs (Differential)	250 mV	-	1200 mV

RX Specifications

Parameter	Min	Typ	Max
Input Impedance	-	100 Ω	-
CML Outputs (Differential)	350 mV	-	800 mV

** Distance is an approximation. Actual distances achieved can be longer or shorter depending on the type of cable and electrical interference induced into the electrical transmission cables.

Mechanical

Parameter	
Size (not including connector - typ)	57 mm x 13.7 mm x 12.5 mm
Weight	50 g
SFP Connector pinning	MSA
Connection	RJ-45
Operating Temperature Range	-10°C - 70°C
Power Supply Voltage	3.3V DC
Power Consumption	max. 710 mA
Humidity (non condensing)	90%

Ordering Information

EAN / UPC	Model	Description
4250479328235	OH-TR-10G-RJ45	10 Gbit/s Electrical Transceiver with RJ45 Connector

Country of manufacture: Taiwan

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Specifications subject to change