

# PRODUCT SPECIFICATIONS

## LUMINEX 1000BASE COPPER TRANCEIVER

Description: Technical specifications 1000Base Copper Tranceiver | REVISION: 20231611-REV 1.0.2

**MADE IN BELGIUM**

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## 1. DESCRIPTION

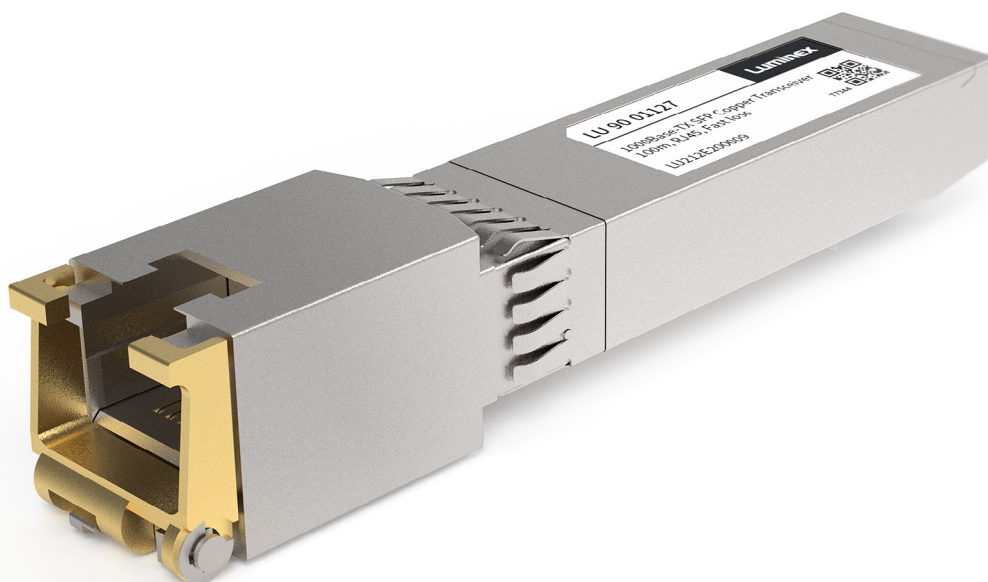
### Luminex 1000Base-T SFP Copper Tranceiver 100m, RJ45, Fast loss

This MSA compliant SFP transceiver provides 1000Base-T throughput to up to 100m over a copper connection with RJ45 connector.

This easy to install and hot pluggable/swapable transceiver is built to MSA standards and is programmed and tested to be fully compatible with the real time analytics and diagnostics functions built into GigaCore and Araneo and compliant with IEEE 802.3ah specification.

Its wide temperature range ensures reliable operation in the most diverse applications.

ORDERING INFORMATION	
Product name:	Part numbers:
Luminex 1000Base-T SFP Copper Tranceiver 100m, RJ45, Fast loss	LU 90 01127



## 2. TECHNICAL SPECIFICATIONS

### FEATURES

INF-8074 compliant  
 Copper media type  
 TAA compliant  
 RJ45 connector  
 Hot pluggable  
 Remote diagnostics with Araneo  
 Industrial temperature range

### ENVIRONMENTAL

Operating temperature	-40°C to 85°C
Storage temperature	-40°C to 85°C
Humidity	5-85% RH

### CONNECTIVITY

RJ45 connector

### DISTANCE SUPPORTED

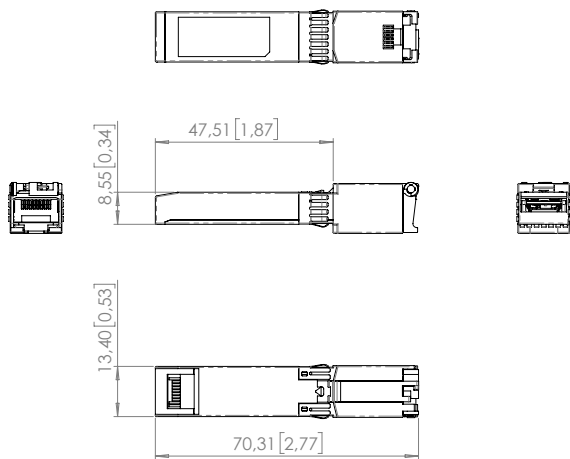
100m

### DATA RATE (MAX)

1000 Mb/s Full duplex, preferred master mode by default.

### MECHANICAL

Compatible with MSA (SFP Multi Sourcing Agreement)



Units: mm [inch]

Dimensions (mm)	70,3 x 13,4 x 8,5
weight (g)	24
Housing material	Metal
Packaged weight (g)	38
Packaged Dimensions(mm)	115x20x45