

# PRODUCT SPECIFICATIONS

## Luminex 25GBase Direct Attach Cable 1m

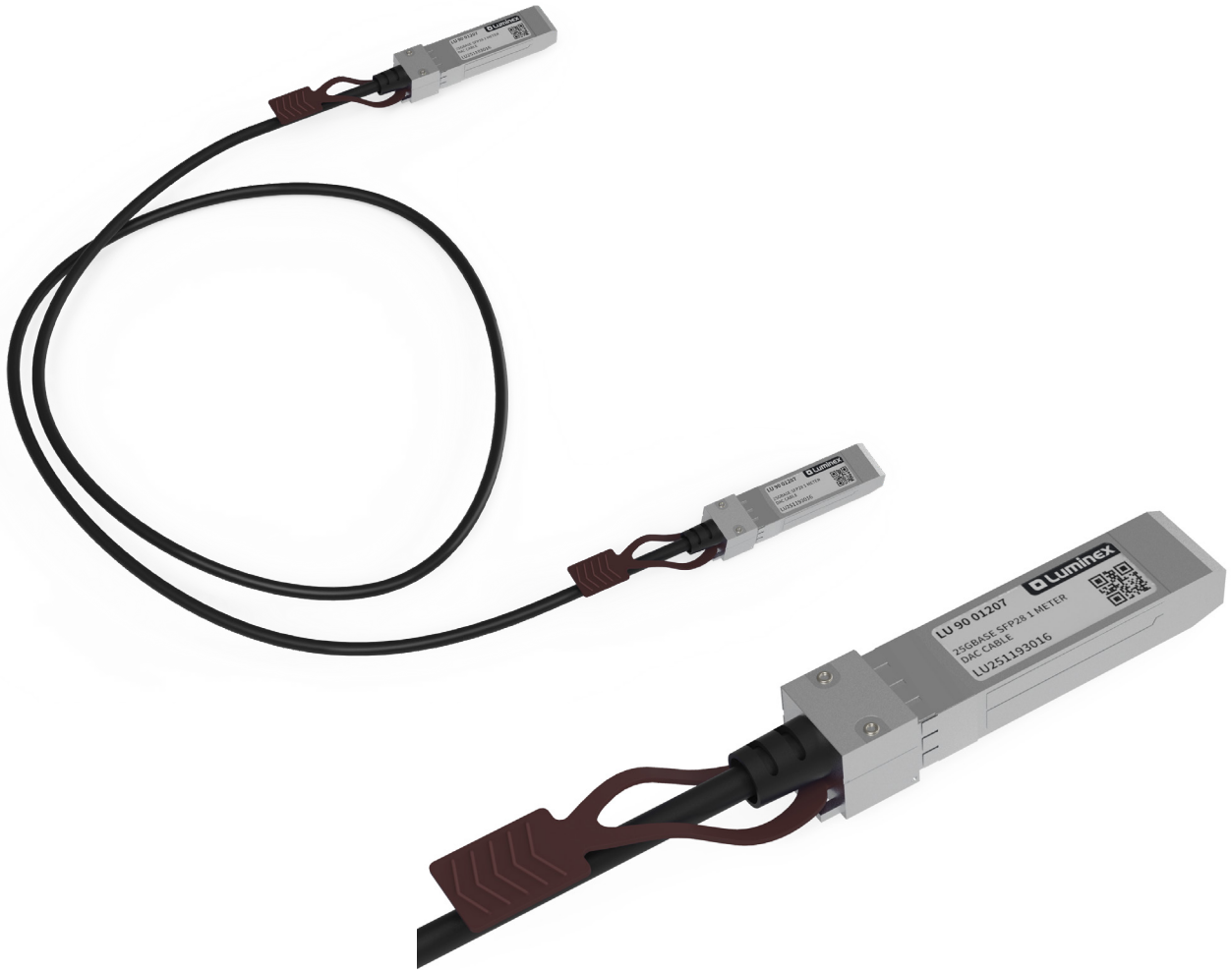
Description: Technical specifications Luminex 25GBase Direct Attach Cable 1m.

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**MADE IN BELGIUM**



### Luminex 25GBase Direct Attach Cable 1m

This SFP28 25G 1 meter passive copper cables provides robust connection and requires no additional power to ensure quality connectivity. It fills the need for short range, cost-effective connectivity inside data racks. Optimising systems to operate with our SFP28 25G DAC cables significantly reduces power consumption and

EMI emission and is programmed and tested to be fully compatible with GigaCore and Araneo and compliant with SFF-8472 and IEEE802.3by specifications. Its wide temperature range ensures reliable operation in the most diverse applications.

ORDERING INFORMATION	
Product name:	Part number:
Luminex 25GBase Direct Attach Cable 1m	LU 90 01207



## Technical Specifications

Features				
SFF-8431 compliant				
TAA compliant				
Hot pluggable				
Industrial temperature range				
Environmental				
Operating temperature	-40°C to 85°C			
Storage temperature	-40°C to 85°C			
Humidity	5-85% RH			
Connectivity				
	SFP28			
DAC cable length				
	1m			
Maximum bitrate				
	25Gbps			
Regulatory compliance				
EMI/EMC: EN55032:2015+A1:2020+A11:2020				
EN55035:2017+A11:2020				
ENIEC61000-3-2:2019/A1:2021				
EN61000-3-3:2013+A1:2019				
FCC Part 15, Subpart B:2016				
RoHS: Compliant with EU RoHS 2.0 directive 2015/863/EU				
Mechanical				
Parameter	Minimum	Typical	Maximum	Unit
Cable Diameter (30 AWG)	-	4,5	-	mm
Bend Radius (30 AWG)	23,5	-	-	mm
Cable Insertion Loss	-	10	-	dB/10m
Bulk Cable Crosstalk	-	-	1	%
Insertion Force	-	-	20	N
Withdrawal Force	-	-	12,5	N
Retention Force	90	-	-	N



