



**Product:** <u>TL44ALDBLCBxxxM</u> ☑

TL160 OM4 LC\_DX LC\_SX xxxM 01-10P/BOT 900x1.0xIL OFNP EV

# **Product Description**

TL HARNESS, TLX160 (BOTTOM), OM4, 01-10 PORTS (01-20 FIBERS), LC DUPLEX (1.6MM x STAGGERED) - LC SIMPLEX (900UM x 1.0M x IN-LINE), OFNP, xxx M, ERIKA VIOLET JACKET

# **Technical Specifications**

#### **Product Overview**

Suitable Applications:	Data Center, LAN, Equipment Room, Telecommunication room, Workstation Area
Fiber Specifications	

Fiber Type:	OM4
Fiber Core Diameter:	50/125 μm
Fiber Count:	20
Fiber Color Coding:	TIA-598-D

# **Physical Specifications**

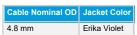
# Connectors

Description	Туре	Housing Material	<b>Housing Color</b>	Ferrule	<b>Boot Material</b>	<b>Boot Color</b>
Connector A (Inside End)	LC Duplex	Plastic	Erika Violet	Zirconia Ceramic	Rubber	Erika Violet
Connector B (Outside End)	LC Simplex	Plastic	Erika Violet	Zirconia Ceramic	Rubber	Erika Violet

# Fan-out (Legs)

Description	Transition	Length (m)	Diameter	Geometry
Connector A (Inside End)	LPM		1.6 mm	Staggered
Connector B (Outside End)	LPM	0.5 m	900 µm	In-Line

#### **Assembly Cable**



#### Measurement



# **Overall Length Tolerances**

Range	Tolerance
0 to 2 meters	+0.2 / -0 meter
2.1 to 4.9 meters	+0.3 / -0 meter
5 to 40 meters	+0.4 / -0 meter
over 40 meters	+1.0% / -0%

# **Armor Specifications**

Armor Type and Material:	No Armor
--------------------------	----------

### **Optical Characteristics**

Polarity Identification:	A-to-A / B-to-B		
--------------------------	-----------------	--	--

#### Fiber Connector Performance

Description	Connector Type	Max. Insertion Loss	Min. Return Loss
Connector A (Inside End)	LC Duplex	0.15 dB	30 dB
Connector B (Outside End)	LC Simplex	0.15 dB	30 dB

# **Mechanical Characteristics**

Pulling Eye Type:	FX Pulling Eye
Pulling Eye Location:	Outside End
Pulling Eye Tension:	100 lbs
Min. Bend Radius During Installation:	15x Cable OD
Min. Bend Radius During Operation:	10x Cable OD

# **Temperature Range**

Operating Temperature Range:	-40C to +75C
Storage Temperature Range:	-40C to +75C

# **Standards and Compliance**

Environmental Suitability:	Indoor
Flammability / Reaction to Fire:	OFNP
UL Rating:	Plenum
TIA/EIA Compliance:	TIA/EIA 568.3
European Directive Compliance:	EU Directive 2011/65/EU (RoHS 2)
MII Order #39 (China RoHS):	EUP 50
Other Standard Compliance(s):	ACMA

#### **Product Notes**

#### History

Update and Revision:	Revision Number: 0.9 Revision Date: 07-21-2023

### © 2024 Belden, Inc

# All Rights Reserved.

Although Belden makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described here in are subject to error or omission and to change without notice, and the listing of such information and specifications does not ensure product availability.

Belden provides the information and specifications herein on an "ASIS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Belden be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary damages) whatsoever, even if Belden has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein.

All sales of Belden products are subject to Belden's standard terms and conditions of sale.

Belden believes this product to be in compliance with all applicable environmental programs as listed in the data sheet. The information provided is correct to the best of Belden's knowledge, information and belief at the date of its publication. This information is designed only as a general guide for the safe handling, storage, and any other operation of the product itself or the one that it becomes a part of. The Product Disclosure is not to be considered a warranty or quality specification. Regulatory information is for guidance purposes only. Product users are responsible for determining the applicability of legislation and regulations based on their individual usage of the product.