Product: FI4X006W0

Indoor Plenum OM4 OptiTuff™ Mini Fiber Cable 6 Fibers

Product Description

FX Indoor OM4 OptiTuff™ Mini Fiber Cable 6 Fibers OFNP Non-Unitized Erika Violet Jacket

Technical Specifications

Product Overview

Product Category:	OptiTuff™ Mini Fiber Cable
Suitable Applications:	Raised floor, Data Centers, POL/POLAN, FTTx

Fiber Specifications

Fiber Type:	OM4
Fiber Core Diameter:	50/125 µm
Fiber Diameter:	250 µm
Fiber Count:	6
Fiber Color Coding:	TIA-598-D

Armor Specifications

Armor Type and Material:	ADA - All-Dielectric Armor

Outer Jacket Specifications

Strength Member:	Aramid Yarns
Jacket Material:	PVDF - Polyvinylidene Fluoride
Nom. Diameter:	0.157 in (4.0 mm)
Color:	Erika Violet

Optical Characteristics

Wavelength	850 nm	1300 nm
Max. Attenuation	3.0 dB/km	1.0 dB/km
1 Gigabit Ethernet Performance	1,100 m	550 m
10 Gigabit Ethernet Performance	400 m	--
Min. Effective Modal Bandwidth (EMB)	4,700 m	--
Min. Overfilled Launch (OFL) Bandwidth	3,500 m	500 m

Mechanical Characteristics

Min. Bend Radius During Installation:	3.75x Cable OD
Min. Bend Radius During Operation:	3.75x Cable OD
Max. Tensile Strength During Installation:	100 N (25 lbf)
Max. Tensile Strength During Operation:	45 N (10 lbf)
Crush Resistance:	220 N/cm
Crush Resistance (Recoverable Signal +0.5 dB):	2500 N/cm
Bulk Cable Weight:	8 lbs/kft (12 kg/km)

Temperature Range

Installation Temperature Range:	-10°C to +60°C

Operating Temperature Range:	-20°C to +70°C
Storage Temperature Range:	-40°C to +70°C

Standards and Compliance

Environmental Suitability:	Indoor, Sunlight Resistance
Flammability / Reaction to Fire:	OFNP, FT6
ICEA Compliance:	S-83-596
European Directive Compliance:	EU Directive 2015/863/EU (RoHS 2 amendment), EU Directive 2011/65/EU (RoHS 2), EU Directive 2012/19/EU (WEEE)

History

Update and Revision:	Revision Number: 0.84 Revision Date: 10-05-2023

© 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.