



Product: [FD4H0125G](#)

Indoor/Outdoor Riser Heavy Duty Loose Tube OM4 12F Armor Unitized

Product Description

Indoor/Outdoor Heavy Duty Loose Tube OM4 12 Fibers OFCR Corrugated Steel Tape Armor Sub-Units(12F) Gel Black

Technical Specifications

Product Overview

Construction Type:	Heavy Duty Multi Loose Tube
Print Legend:	BELDEN 12XOM4-BIF IN/OUTDOOR ARMORED LOOSE TUBE CABLE FD4H0125G E95466(-PLANT ID) (UL) TYPE OFNR C(UL) ---FT4--- ROHS (LOT LENGTH MARKING) (MMYYYY DATE CODE) (SEQUENTIAL LENGTH MARKING)
Environmental Space:	Indoor/Outdoor

Construction

Fiber Cable Construction

Fiber Count	
12	
Central Strength Member:	GRP
Cable Core Water Blocking:	Waterblocking Tape

SubUnit Specifications

Number of Active Subunits:	2
Number of Subunit Positions:	5
Fibers Per Subunit:	12
Subunit Diameter:	0.110 in (2.8 mm)
Subunit Waterblocking:	Gel Filled

Jacket Specifications

Number of Jackets:	Double Jacket
Type of Armor:	Corrugated Steel Tape

Inner Jacket

Number of Ripcords:	2
Color:	Black
Material:	PVC - Polyvinyl Chloride

Outer Jacket

Outer Jacket Material

Nominal Diameter	
0.63 in (16 mm)	
Number of Ripcords:	2

Optical Characteristics

Effective Modal Bandwidth (EMB):	4700 MHz-km / 500 MHz-km
----------------------------------	--------------------------

Fiber Core Diameter:	50/125µm
Max Attenuation at 1300 nm:	1.0 dB/km
Max Attenuation at 850 nm:	3.0 dB/km
Wavelength:	850 nm / 1300 nm
10 Gigabit Ethernet Performance:	550 m / 300 m
1 Gigabit Ethernet Performance:	- / 550 m
Min Overfilled Launch (OFL) Bandwidth:	3500 MHz-km /550 Mhz-km

Mechanical Characteristics

Crush Resistance:	440
-------------------	-----

Mechanical Tests

Description	Requirement/Value
Cable Min. Bend Radius Installation (Short Term)	20x Cable OD
Cable Min. Bend Radius Operation (Long Term)	15x Cable OD
Cable Impact Resistance	4.4 N/cm

Standards

UL Rating/Flame Test:	Riser
TIA/EIA Compliance:	ANSI/ICEA S-87-640
RoHS:	Yes

Part Number

Variants

Item #	Color	UPC
FD4H0125G	Black	612825373919

History

Update and Revision:	Revision Number: 0.58 Revision Date: 03-16-2021
----------------------	---

© 2021 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.