



Part Number: FD2L072RG

Indoor/Outdoor Riser Loose Tube OM2 72 Fibers

Product Description

FX Indoor/Outdoor Loose Tube OM2 72 Fibers OFNR Sub-Units (12F) Gel Black

Technical Specifications

Part Number:	FD2L072RG
Construction Type:	Multi Loose Tube
Environmental Space:	Indoor/Outdoor
Print Legend:	BELDEN 72xOM2 IN/OUTDOOR LOOSE TUBE CABLE FD2L072RG E95466(-PLANT ID) (UL) TYPE OFCR C(UL) ---FT4--- ROHS (LOT NUMBER) (MMYYYY DATE CODE) (SEQUENTIAL MATERIAL)
Suitable Applications:	Indoor/Outdoor

Fiber Cable Construction

Fiber Type	Fiber Count
OM2	72

Fiber Type:	OM2
Fiber Count:	72
Fiber Color Coding:	Blue, Orange, Green, Brown, Gray, White, Red, Black, Yellow, Violet, Pink, Aqua

Buffer Specification

Fiber Type	Buffer Material
OM2	Loose tube - Gel-filled

Central Strength Member:	Upjacketed GRP
Cable Core Water Blocking:	Waterblocking Tape
Bulk Cable Weight:	15 lbs/1000ft
Weight:	105 kg
Number of Active Subunits:	6
Number of Subunit Positions:	5
Fibers Per Subunit:	12
SubUnit Diameter:	0.110 in (2.8 mm)
SubUnit Waterblocking:	Gel Filled
Number of Jackets:	Single Jacket
Material@InnerJacket1:	PVC

Outer Jacket Material

Material	Nominal Diameter
Thermoplastic	0.346 in (8.8 mm)

Outer Jacket Color:	Black
Number of Outer Jacket Ripcords:	2
OuterJacket1, Nominal Diameter:	.48 (12.2)
Effective Modal Bandwidth (EMB):	950 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:	150 m / 300 m
1 Gigabit Ethernet Performance:	550 m / 550 m

Min Overfilled Launch (OFL) Bandwidth:	700 MHz-km / 500 MHz-km
Min Bend Radius During Installation:	20x Cable OD
Min Bend Radius During Operation:	15x Cable OD
Max Tensile Strength During Installation:	6 (267)
Max Tensile Strength During Operation:	2 (89)
Crush Resistance:	220
Impact Resistance:	2.9 N/cm
Operating Temp Range:	-40C to +70C
Installation Temp Range:	-30C to +70C
Storage Temp Range:	-40C to +75C
UL Rating/Flame Test:	Riser
UL Flammability:	OFNR
C (UL) US:	FT4
Telecommunications Standards:	ANSI/ICEA S-104-696
RoHS:	Yes

Variants

Item #	Color
FD2L072RG	Black

© 2018 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.

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Belden Wire & Cable:](#)

[FD2L072RG](#)