Product: [FI4M048A2](#) ↗

Indoor Plenum OM4 Mini-Distribution 48 Fibers Aluminum Interlocked Erika Violet Jacket

Product Description

FX Indoor, Multimode, OM4, Mini-Distribution, 48 Fibers, OFCP Aluminum Interlocked Armor, Erika Violet Jacket

Technical Specifications

Product Overview

Product Category:	Fiber Mini Distribution Cable
Suitable Applications:	Data Center, RAN, Horizontal Backbone, Premise Backbone, Patching, Trunking

Fiber Specifications

Fiber Type:	OM4
Fiber Core Diameter:	50/125 µm
Fiber Diameter:	250 µm
Fiber Count:	48
Fiber Color Coding:	TIA-598-D

Cable Construction

Number of Active Subunits:	4
Fibers Per Subunit:	12
Subunit Diameter:	0.118 in (3.0 mm)
Subunit Color:	Erika Violet
Subunit Strength Members:	Aramid Yarns
Central Strength Member:	GRP

Inner Jacket Specifications

Strength Member:	Aramid Yarns
Material:	PVC - Polyvinyl Chloride
Nom. Diameter:	0.380 in (9.7 mm)
Color:	Erika Violet

Armor Specifications

Armor Type and Material:	AIA - Aluminum Interlock Armor

Outer Jacket Specifications

Jacket Material:	PVC - Polyvinyl Chloride
Nom. Diameter:	0.738 in (18.7 mm)
Color:	Erika Violet

Mechanical Characteristics

Min. Bend Radius During Installation:	20x Cable OD
Min. Bend Radius During Operation:	15x Cable OD
Max. Tensile Strength During Installation:	670 N (150 lbf)
Max. Tensile Strength During Operation:	200 N (45 lbf)

Crush Resistance:	440 N/cm
Bulk Cable Weight:	174 lbs/kft (259 kg/km)

Temperature Range

Installation Temperature Range:	0°C to +60°C
Operating Temperature Range:	0°C to +70°C
Storage Temperature Range:	-40°C to +70°C

Standards and Compliance

Environmental Suitability:	Indoor
Sustainability:	CA Prop 65
NEC / UL Compliance:	OFCP
CEC / C(UL) Compliance:	FT6
ICEA Compliance:	S-83-596
TIA/EIA Compliance:	598-D
Telcordia Compliance:	GR-409
European Directive Compliance:	EU Directive 2015/863/EU (RoHS 2 amendment)

History

Update and Revision:	Revision Number: 0.92 Revision Date: 02-03-2025

Part Numbers

Variants

Item #	Color	Putup Type
FI4M048A2	Erika Violet	Reel
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