



Product: [MDBU53AA024AQAA](#) 

Indoor Mini-distribution 24 Fibers OM3

Product Description

Indoor Mini-distribution fiber cable, OM3, 24F, LSZH Jacket, IEC 60332-3-24

Technical Specifications

Product Overview

Construction Type:	Mini Distribution
Environmental Space:	Indoor
Suitable Applications:	High degree of flexibility suitable for horizontal, interconnect applications; Excellent LSZH flame retardant performance for indoor application

Material

Fiber Cable Construction

Fiber Type	Fiber Count	Subunit Color
OM3	24	Aqua

Fiber Color Code:	TIA coding (Gxxxxx.T): Blue, Orange, Green, Brown, Gray, White, Red, Black, Yellow, Violet, Pink, Aqua
Central Strength Member Type:	GRP
Bulk Cable Weight:	36 kg/km

SubUnit Specifications

Number of Active Subunits:	2
Subunit Diameter:	2.0 mm

Physical Specifications

Number Of Fillers @Stranding1:	2
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Jacket Specifications

Number of Jackets:	Single Jacket
Type of Armor:	Non-Armored

Outer Jacket Specifications

Outer Jacket

Material	Nominal Diameter	Nominal Wall Thickness
LSZH - Low Smoke Zero Halogen (Flame Retardant)	6.5 mm	0.65 mm

Optical Characteristics

Fiber Core Diameter:	50 ±2.5 µm
Maximum Attenuation at 1300 nm:	1.0 dB/km
Maximum Attenuation at 850 nm:	3.0 dB/km

Mechanical Characteristics

Mechanical Tests

Description	Tested Standard	Requirement/Value
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Cable Min. Bend Radius Installation (Short Term)	IEC 60794-1-21-E11	20 x Cable OD
Cable Min. Bend Radius Operation (Long Term)	IEC 60794-1-21-E11	10 x Cable OD
Cable Max. Tensile Strength Installation (Short Term)	IEC 60794-1-21-E1	660 N (148 lbf)
Cable Max. Tensile Strength Operation (Long Term)	IEC 60794-1-21-E1	200 N (45 lbf)
Cable Max. Crush Resistance Installation (Short Term)	IEC 60794-1-21-E3	1000 N/100mm

Temperature Range

Operating Temperature Range:	-20 °C to +60 °C
Storage Temperature Range:	-20 °C to +60 °C

Standards

UL Rating/Flame Test:	Non-UL Rated
IEC Flammability:	IEC 60332-3-24
TIA/EIA Compliance:	EIA/TIA-455
ISO/IEC Compliance:	IEC 60793-1-1, IEC 60794-1-1
EU Directive 2011/65/EU (RoHS 2):	Compliant

History

Update and Revision:	Revision Number: 0.25 Revision Date: 12-07-2023
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