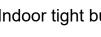


Product: GIMTD04 ☑



Indoor tight buffered distribution cable LSZH jacket 4f MM OM3. CPR Dca.

# **Product Description**

Indoor tight buffered optical fiber distribution cable with Low Smoke Zero Halogen outer jacket. 4 fibers MM OM3. CPR Euroclass Dca.

# **Technical Specifications**

#### **Product Overview**

Construction Type:	Distribution
Environmental Space:	Indoor - Euroclass Dca
Suitable Applications:	For indoor use in structured (premises) wiring systems: building backbone (riser) and/or horizontal cabling (Fibre To The Desk). Support all computer network applications such as FDDI, Gigabit Ethernet and ATM. Easy to install in ducts and tunnels. Not suitable for blown installation.

#### Construction

#### **Fiber Cable Construction**

Fiber Type	Fiber Count
OM3	4

Fiber Color Coding: TIA coding (Gxxxxxx.T): Blue, Orange, Green, Brown

# **Buffer Specification**

Fiber Type	Buffer Construction	Buffer Material	Buffer Diameter
OM3	Tight	LSZH - Low Smoke Zero Halogen (Flame Retardant)	0.9 mm
Central Stre	ength Member:	GRP	
Cable Core	Water Tight:	No	
Cable Core	Waterblocking:	Waterblocking Aramid Yarns	
Bulk Cable	Weight:	22 kg/km	

# **Jacket Specifications**

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

# **Outer Jacket Specifications**

## Outer Jacket

	Material		Nominal Diameter	Ripcord
ľ	LSZH - Low Smoke Zero Halogen (Flame	Retardant)	4.8 mm	No
Ī	Table Notes:	Standard c	olor: Orange. Availab	le colors:

# **Optical Characteristics**

Max. Attenuation at 1300 nm:	0.9 dB/km
Max. Attenuation at 850 nm:	2.9 dB/km

# **Mechanical Characteristics**

## **Mechanical Tests**

Description	Tested Standard	Requirement/Value	According to Family Specification
Cable Min. Bend Radius Installation (Short Term)	IEC 60794-1-21-E6	96 mm	IEC 60794-2-20

Cable Min. Bend Radius Operation (Long Term)	IEC 60794-1-21-E11	48 mm	IEC 60794-2-20
Cable Max. Tensile Strength Installation (Short Term)	IEC 60794-1-21-E1	600 N (135 lbf)	IEC 60794-2-20
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	5 kN/m	IEC 60794-2-20
Cable Max. Crush Resistance Operation (Long Term)	IEC 60794-1-21-E3	3 kN/m	IEC 60794-2-20

### **Temperature Range**

Operating Temperature Range:	-5 °C to +40 °C
Installation Temperature Range:	-5 °C to +40 °C
Storage Temperature Range:	-5 °C to +40 °C

#### **Standards**

UL Rating/Flame Test:	Non-UL Rated
IEC Flammability:	IEC 60332-1-2
Reaction to Fire - Bundle Flame Test:	IEC 60332-3-24
IEC 60754-1 - Halogen Amount:	Zero
IEC 60754-2 - Halogen Acid Gas Amount - Max. Conductivity:	10 μS/mm
IEC 60754-2 - Halogen Acid Gas Amount - Min. pH:	4.3
IEC 61034-2 - Smoke Density Min. Transmittance:	80%
CPR Euroclass:	Dca-s1,d1,a1
REACH:	Compliant
ISO/IEC Compliance:	IEC 60794, ISO/IEC 11801-1
EU Directive 2011/65/EU (RoHS 2):	Compliant
UV/ Sunlight Protection:	Yes

#### **Related Part Numbers**

#### Variants

Item #	Color	Put-Up Type	Length	EAN
GIMTD04.002100	Orange	Reel	2,100 m	8719605128072

## **History**

Update and Revision:	Revision Number: 0.166 Revision Date: 09-17-2024

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