Product: GIMTE16 ☑

Indoor Distribution 16 Fibers OM4

Product Description

Indoor Mini Breakout Tight Optical Cable 16 x 50/125-OM4-BI I-V(ZN)H

Technical Specifications

Construction Type:	Distribution

Product Overview

Environmental Space:	Indoor - Euroclass Cca
Suitable Applications:	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

Construction

Fiber Cable Construction

Fiber Count
16

Fiber Color Coding:	TIA coding (Gxxxxxx.T): Blue, Orange, Green, Brown, Gray, White, Red, Black, Yellow, Violet, Pink, Aqua. With Ringmark: BL, OR, GR, BR
Fiber Color Coding 2:	Europe coding (Gxxxxxx.0): Red, Natural, Yellow, Blue, Green, Violet, Brown, Black, Orange, Aqua, Pink, White. With Ringmark: RD, NA, YL, BL

Buffer Specification

Buffer Construction	Buffer Material	Buffer Diameter
Tight	LSZH - Low Smoke Zero Halogen	0.9 mm

Bulk Cable Weight:	56 kg/km

Jacket Specifications

Number of Jackets:	Single Jacket

Outer Jacket

Outer Jacket Material

Material	Nominal Diameter	Ripcord
LSZH - Low Smoke Zero Halogen (Flame Retardant)	8.0 mm	0

Optical Characteristics

Fiber Core Diameter:	50 µm
Max Attenuation at 1300 nm:	1.0 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	160 mm	
Cable Min. Bend Radius Operation (Long Term)	IEC 60794-1-21-E11	80 mm	
Cable Max. Tensile Strength Installation (Short Term)	IEC 60794-1-21-E1	1000 N (225 lbf)	IEC 60794-2-20

Temperature Range

Operating Temp Range:	-5 °C to +55 °C
Installation Temp Range:	-5 °C to +50 °C
Storage Temp Range:	-30 °C to +70 °C

Standards

UL Rating/Flame Test:	Non-UL Rated
CPR Euroclass:	Cca-s1,d1,a1
REACH:	Compliant
IEC Compliance:	IEC 60794
EU Directive 2011/65/EU (ROHS II):	Compliant
UV/ Sunlight Protection:	yes

History

Update and Revision:	Revision Number: 0.14 Revision Date: 07-31-2020