



**Product:** [GIMTI04](#) 

Indoor Distribution 04 Fibers G657B3

## Product Description

Indoor Mini Breakout Tight Optical Cable 04 x 9/125-G657B3 I-V(ZN)H

## Technical Specifications

Construction Type:	Distribution
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## 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 Grade acc. ITU-T	Fiber Count
G657B3	4

Fiber Color Coding:	TIA coding (Gxxxxx.T): Blue, Orange, Green, Brown
Fiber Color Coding 2:	Europe coding (Gxxxxx.0): Red, Natural, Yellow, Blue

### Buffer Specification

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

Bulk Cable Weight:	22 kg/km
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## Jacket Specifications

Number of Jackets:	Single Jacket
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## Outer Jacket

### Outer Jacket Material

Material	Nominal Diameter	Ripcord
LSZH - Low Smoke Zero Halogen (Flame Retardant)	4.8 mm	0

## Optical Characteristics

Fiber Core Diameter:	9 µm
Max Attenuation at 1310 nm:	0.4 dB/km
Max Attenuation at 1550 nm:	0.26 dB/km

## Mechanical Characteristics

### Mechanical Tests

Description	Tested Standard	Requirement/Value
Cable Min. Bend Radius Installation (Short Term)	IEC 60794-1-21-E6	96 mm
Cable Min. Bend Radius Operation (Long Term)	IEC 60794-1-21-E11	48 mm
Cable Max. Tensile Strength Installation (Short Term)	IEC 60794-1-21-E1	800 N (180 lbf)
Cable Max. Tensile Strength Operation (Long Term)	IEC 60794-1-21-E1	400 N (90 lbf)

## 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: 0.12 Revision Date: 09-25-2020
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