



Part Number: GUMT104

Indoor/Outdoor Distribution 04 Fibers OM1

Product Description

Universal (Indoor/Outdoor) Mini Breakout Tight Optical Cable 04 x 62.5/125-OM1 A/I-VQ(ZN)H

Technical Specifications

Product Overview

Construction Type:	Distribution
Environmental Space:	Indoor/Outdoor - Euroclass Dca
Suitable Applications:	Structured (premises) wiring systems: campus and/or building backbone (riser) and/or horizontal cabling. Support all computer network applications such as FDDI, Gigabit Ethernet and ATM Easy to install in ducts, tunnels and trenches. Not recommended for direct burial.

Construction

Fiber Cable Construction

Fiber Type	Fiber Count
OM1	4

Fiber Type:	OM1
Fiber Count:	4
Fiber Color Coding:	TIA coding (Gxxxxxx.T): Blue, Orange, Green, Brown
Fiber Color Coding 2:	Europe coding (Gxxxxxx.O): Red, Natural, Yellow, Blue

Buffer Specification

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

Cable Core Water Blocking:	Waterblocking Glass Yarns
Bulk Cable Weight:	27 kg/km

Jacket Specifications

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

Outer Jacket Material

Material	Nominal Diameter	Ripcord
LSZH - Low Smoke Zero Halogen	5.4 mm	0

Optical Characteristics

Fiber Core Diameter:	62.5 µm
Max Attenuation at 1300 nm:	1.2 dB/km
Max Attenuation at 850 nm:	3.4 dB/km

Mechanical Characteristics

Min Bend Radius During Installation:	108 mm
Min Bend Radius During Operation:	54 mm
Max Tensile Strength During Operation:	400 N (90 lbf)

Temperature Range

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

Tensile Strength

Max Tensile Strength During Operation - Test Standard:	IEC 60794-1-21-E1
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Standards

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

History

Variants

Item #	Color	Length
GUMT104.012100	Black	2,100 m
GUMT104.014100	Black	4,100 m
GUMT104.002100	Orange	2,100 m

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