



**Part Number:** GURA206

Indoor/Outdoor Central Loose Tube 06 Fibers OM2

## Product Description

Universal (Indoor/Outdoor) extra-Rodent Protection Central Loose Tube Optical Cable 06 x 50/125-OM2 A/I-DQ(ZN)BH

## Technical Specifications

### Product Overview

Construction Type:	Central Loose Tube
Environmental Space:	Indoor/Outdoor - Euroclass Dca
Suitable Applications:	For outdoor and indoor use in structured (data) wiring systems such as campus backbone, 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	Subunit Color	Subunit Color 2
OM2	6	TIA coding (Gxxxxxx.T): Natural	Europe coding (Gxxxxxx.0): Natural

Fiber Type:	OM2
Fiber Count:	6
Fiber Color Coding:	TIA coding (Gxxxxxx.T): Blue, Orange, Green, Brown, Gray, White
Fiber Color Coding 2:	Europe coding (Gxxxxxx.0): Red, Natural, Yellow, Blue, Green, Violet

#### Buffer Specification

Fiber Type	
OM2	
Cable Core Water Blocking:	Waterblocking Glass Yarns
Bulk Cable Weight:	56 kg/km

### SubUnit Specifications

SubUnit Diameter:	0.130 in (3.3 mm)
SubUnit Waterblocking:	Gel Filled

### Jacket Specifications

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

#### Outer Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness	Ripcord
LSZH - Low Smoke Zero Halogen	7.1 mm	1 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

Min Bend Radius During Installation:	142 mm
Min Bend Radius During Operation:	71 mm
Max Tensile Strength During Installation:	2500 N (562 lbf)
Max Tensile Strength During Operation:	830 N (187 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 Inst - Test Standard:	IEC 60794-1-21-E1
Max Tensile Strength During Operation - Test Standard:	IEC 60794-1-21-E1

## Standards

UL Rating/Flame Test:	Non-UL Rated
CPR Euroclass:	Dca-s2,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
GURA206.002100	Orange	2,100 m
GURA206.004100	Orange	4,100 m
GURA206.K04100	Orange	4,100 m

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