



**Product:** [GMTTD02](#) 

Outdoor Tactical tight buffered (core bonded design) PUR jacket 2f MM OM3.

## Product Description

Outdoor Tactical tight buffered optical fiber cable with core bonded design with Polyurethane (PUR) outer jacket. 2 fibers MM OM3.

## Technical Specifications

### Product Overview

Suitable Applications:	For outdoor and indoor use. These metal-free mobile cables have been designed for de-spooling and re-spooling repeatedly. Support all computer network applications such as FDDI, Gigabit Ethernet and ATM Easy to install. Not Recommended for direct burial. Core-bonded Polyurethane jacket providing simple installation.
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### Fiber Specifications

Fiber Type:	OM3
Fiber Buffer Material:	Nylon
Fiber Buffer Construction:	Tight
Fiber Buffer Diameter:	0.9 mm
Fiber Count:	2
Fiber Color Coding:	TIA coding (Gxxxxx.T): Blue, Orange

### Cable Construction

Cable Core Water Blocking:	Waterblocking Aramid Yarns
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### Outer Jacket Specifications

Jacket Material:	PUR - Polyurethane
Nom. Diameter:	5.4 mm (0.21 in)

### Optical Characteristics

Wavelength	850 nm	1300 nm
Max. Attenuation	2.9 dB/km	0.9 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	43.2 mm	
Cable Min. Bend Radius Operation (Long Term)	IEC 60794-1-21-E11	21.6 mm	
Cable Max. Tensile Strength Installation (Short Term)	IEC 60794-1-21-E1	1500 N (340 lbf)	
Cable Max. Tensile Strength Operation (Long Term)		500 N (110 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

Bulk Cable Weight:	27 kg/km (18 lbs/1000ft)
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### Temperature Range

Installation Temperature Range:	-5 °C to +50 °C
Operating Temperature Range:	-70 °C to +85 °C

Storage Temperature Range:	-70 °C to +85 °C
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## Standards and Compliance

Environmental Suitability:	Indoor/Outdoor
Flammability / Reaction to Fire:	IEC 60332-1-2
ISO/IEC Compliance:	IEC 60794/ISO/IEC 11801-1

## History

Update and Revision:	Revision Number: 0.237 Revision Date: 09-26-2025
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## Part Numbers

### Variants

Item #	Color	Putup Type	Length	EAN
GMTTD02.002100	Black	Reel	2,100 m	
GMTTD02.T03100	Black	Reel	3,100 m	8719605218124
GMTTD02.T02100	Black	Reel	2,100 m	8719605222213

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