



**Product:** [GMBTI02](#) 

Outdoor Tactical tight buffered breakout cable PUR jacket 2f SM OS2 G.657.B3.

## Product Description

Outdoor Tactical tight buffered breakout cable with Polyurethane (PUR) outer jacket. 2 fibers SM OS2 G.657.B3.

## Technical Specifications

### Product Overview

|                        |                                                                                                                                                                                                                                                                |
|------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Construction Type:     | Tactical Breakout                                                                                                                                                                                                                                              |
| Environmental Space:   | Indoor/Outdoor                                                                                                                                                                                                                                                 |
| 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. |

### Material

#### Fiber Cable Construction

| Fiber Type | Fiber Grade acc. ITU-T | Fiber Count |
|------------|------------------------|-------------|
| OS2        | G.657B3                | 2           |

Fiber Color Code: TIA coding (Gxxxxx.T): Blue, Orange

#### Buffer Specification

| Fiber Type | Buffer Construction | Buffer Material | Buffer Diameter |
|------------|---------------------|-----------------|-----------------|
| OS2        | Tight               | Nylon           | 0.9 mm          |

Cable Core Water Tight: Yes

Cable Core Water Blocking: Waterblocking Aramid Yarns + Tape

Bulk Cable Weight: 38 kg/km

### Jacket Specifications

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

### Outer Jacket Specifications

#### Outer Jacket

| Material           | Nominal Diameter | Ripcord |
|--------------------|------------------|---------|
| PUR - Polyurethane | 7.8 mm           | Yes     |

### Optical Characteristics

|                                 |            |
|---------------------------------|------------|
| Maximum Attenuation at 1310 nm: | 0.40 dB/km |
| Maximum Attenuation at 1550 nm: | 0.30 dB/km |
| Maximum Attenuation at 1625 nm: | 0.30 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  | 144 mm         | IEC 60794-2-20 |
| Cable Min. Bend Radius Operation (Long Term)          | IEC 60794-1-21-E11 | 72mm           | IEC 60794-2-20 |
| Cable Max. Tensile Strength Installation (Short Term) | IEC 60794-1-21-E1  | 400 N (90 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 |

Temperature Range

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

Standards

|                                   |                            |
|-----------------------------------|----------------------------|
| UL Rating/Flame Test:             | Non-UL Rated               |
| REACH:                            | Compliant                  |
| ISO/IEC Compliance:               | IEC 60794, ISO/IEC 11801-1 |
| EU Directive 2011/65/EU (RoHS 2): | Compliant                  |
| UV/ Sunlight Protection:          | Yes                        |

History

|                      |                                                 |
|----------------------|-------------------------------------------------|
| Update and Revision: | Revision Number: 0.36 Revision Date: 07-22-2026 |
|----------------------|-------------------------------------------------|

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