



**Product:** [B96551](#)

## Tactical Cable OM1 4 Fibers

### Product Description

FiberExpress Tactical Cable, 4-Fiber, OM1, with Black Jacket, Small & Lightweight, Ideal for repeated deployment and retrieval cycles, superior crush resistance.

### Technical Specifications

#### Product Overview

Construction Type:	Tactical
Suitable Applications:	Outdoor

#### Construction

##### Fiber Cable Construction

Fiber Type	Fiber Count
OM1	4

Fiber Color Coding:	TIA-598-D
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##### Buffer Specification

Buffer Material	Buffer Diameter
Thermoplastic	900 +35um/-50um

Bulk Cable Weight:	22 lbs/1000ft
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#### Jacket Specifications

Number of Jackets:	Single Jacket
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#### Outer Jacket Specifications

##### Outer Jacket

Material	Nominal Diameter
PUR - Polyurethane	0.24

Color:	Black
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Number of Ripcords:	1
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#### Optical Characteristics

Effective Modal Bandwidth (EMB):	220/-
Fiber Core Diameter:	62.5/125um
Max. Attenuation at 1300 nm:	1.2 dB/km
Max. Attenuation at 850 nm:	3.5 dB/km
Wavelength:	850/1300
10 Gigabit Ethernet Performance:	33/-
1 Gigabit Ethernet Performance:	275/550
Min. Overfilled Launch (OFL) Bandwidth:	200/500

#### Mechanical Characteristics

## Mechanical Tests

Description	Requirement/Value
Cable Min. Bend Radius Installation (Short Term)	20x
Cable Min. Bend Radius Operation (Long Term)	10x
Cable Max. Tensile Strength Installation (Short Term)	330 N (74 lbf)
Cable Max. Tensile Strength Operation (Long Term)	150 N (34 lbf)

## Temperature Range

Operating Temperature Range:	-46C to +85C
Installation Temperature Range:	-55°C To +85°C
Storage Temperature Range:	-70°C To +85°C

## Standards

RoHS:	Yes
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## Related Part Numbers

### Variants

Item #	Color	Put-Up Type	UPC
B96551	Black	Reel	612825280255

## History

Update and Revision:	Revision Number: 0.178 Revision Date: 11-09-2022
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