



**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:	Blue, Orange, Green, Brown
---------------------	----------------------------

##### Buffer Specification

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

Bulk Cable Weight:	22 lbs/1000ft
--------------------	---------------

#### Jacket Specifications

Number of Jackets:	Single Jacket
--------------------	---------------

#### Outer Jacket

##### Outer Jacket Material

Material	Nominal Diameter
PUR - Polyurethane	0.24

Color:	Black
--------	-------

Number of Ripcords:	1
---------------------	---

#### Optical Characteristics

Effective Modal Bandwidth (EMB):	220/-
Fiber Core Diameter:	62.5/125um
Max Attenuation at 1300 nm:	1.2
Max Attenuation at 850 nm:	3.5
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 Temp Range:	-46C to +85C
Installation Temp Range:	-55°C To +85°C
Storage Temp Range:	-70°C To +85°C

## Standards

RoHS:	Yes
-------	-----

## Part Number

### Variants

Item #	Color	UPC
B96551	Black	612825280255

## History

Update and Revision:	Revision Number: 0.166 Revision Date: 06-24-2020
----------------------	--

© 2020 Belden, Inc

All Rights Reserved.

Although Belden makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described here in are subject to error or omission and to change without notice, and the listing of such information and specifications does not ensure product availability.

Belden provides the information and specifications herein on an "ASIS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Belden be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary damages) whatsoever, even if Belden has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein.

All sales of Belden products are subject to Belden's standard terms and conditions of sale.

Belden believes this product to be in compliance with all applicable environmental programs as listed in the data sheet. The information provided is correct to the best of Belden's knowledge, information and belief at the date of its publication. This information is designed only as a general guide for the safe handling, storage, and any other operation of the product itself or the one that it becomes a part of. The Product Disclosure is not to be considered a warranty or quality specification. Regulatory information is for guidance purposes only. Product users are responsible for determining the applicability of legislation and regulations based on their individual usage of the product.