



Product: [B96575](#)

Tactical Cable OM1 12 Fibers

Product Description

FiberExpress Tactical Cable, 12-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	12

Fiber Color Coding:	TIA-598-D
---------------------	-----------

Buffer Specification

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

Weight:	22 kg
---------	-------

Jacket Specifications

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

Outer Jacket Specifications

Outer Jacket

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 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
-------	-----

Related Part Numbers

Variants

Item #	Color	Put-Up Type	UPC
B96575	Black	Reel	612825382980

History

Update and Revision:	Revision Number: 0.62 Revision Date: 11-09-2022
----------------------	---

© 2025 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.

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Belden Wire & Cable:](#)

[B96575](#)