



**Product:** [B96576](#)

## Tactical Cable OS2 24 Fibers

### Product Description

FiberExpress Tactical Cable, 24-Fiber, OS2, 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
OS2	24

Fiber Color Coding: Blue, Orange, Green, Brown, Gray, White, Red, Black, Yellow, Violet, Pink, Aqua, Blue/Stripe, Orange/Stripe, Green/Stripe, Brown/Stripe, Gray/Stripe, White/Stripe, Red/Stripe, Black/Stripe, Yellow/Stripe, Violet/Stripe, Pink/Stripe, Aqua/Stripe

##### Buffer Specification

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

Weight: 38.7 kg

#### Jacket Specifications

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

##### Outer Jacket Material

Material	Nominal Diameter
PUR - Polyurethane	0.335

Color: Black

Number of Ripcords: 1

#### Optical Characteristics

Mode Field Diameter:	9.2um
Max Attenuation at 1310 nm:	0.5
Max Attenuation at 1550 nm:	0.5
Wavelength:	1310/1550
10 Gigabit Ethernet Performance:	10,000/40,000
1 Gigabit Ethernet Performance:	5000/-

#### 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
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## Part Number

### Variants

Item #	Color	UPC
B96576	Black	612825438144

## History

Update and Revision:	Revision Number: 0.155 Revision Date: 06-24-2020
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