



**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:	TIA-598-D
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##### Buffer Specification

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

Weight:	38.7 kg
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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	0.335

Color:	Black
Number of Ripcords:	1

#### Optical Characteristics

Mode Field Diameter:	9.2um
Max. Attenuation at 1310 nm:	0.50 dB/km
Max. Attenuation at 1550 nm:	0.50 dB/km
Wavelength:	1310/1550
10 Gigabit Ethernet Performance:	10,000/40,000
1 Gigabit Ethernet Performance:	5000/-

#### Mechanical Characteristics

##### Mechanical Tests

Description	Requirement/Value
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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
B96576	Black	Reel	612825438144

## History

Update and Revision:	Revision Number: 0.167 Revision Date: 11-09-2022
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