



For more Information  
please call  
1-800-Belden1



### General Description:

FiberExpress Tactical Cable, 4-Fiber, OS2, with Black Jacket, Small & Lightweight, Ideal for repeated deployment and retrieval cycles, superior crush resistance.

### Fiber

#### Applicable Standards and Agency Compliance Suitability

Sunlight Resistance: Yes - Black only.

### Physical Characteristics (Overall)

Product Family - Other:

| Fiber Count | OM1 - MM 62.5/125 1Gb | OM2 - MM 50/125 1Gb | OM3 - MM 50/125 10Gb 300m | OM4 - MM 50/125 10Gb 500m | OS2 -SM           |
|-------------|-----------------------|---------------------|---------------------------|---------------------------|-------------------|
| 2           | B96571                | .                   | .                         | .                         | B96566            |
| 4           | B96551                | .                   | .                         | .                         | B96639            |
| 6           | B96572 or B96572I     | .                   | .                         | .                         | B96567 or B96567I |
| 8           | B96573                | B96568              | .                         | .                         | .                 |
| 12          | B96575 or B96575I     | .                   | .                         | .                         | B96570 or B96570I |

Fiber Type: SM, (OS2)

Number of Fibers: 4

Buffer Tube Material: Thermoplastic

### Outer Jacket

Outer Jacket Material:

Outer Jacket Material  
PU - Polyurethane

### Strength Member

Strength Member Material: Aramid Yarn

### Overall Cable

Overall Nominal Diameter: 0.240 in.

### Mechanical Characteristics (Overall)

Storage Temperature Range: -70°C To +85°C

Installation Temperature Range: -20°C To +85°C

Operating Temperature Range: -55°C To +85°C

Bulk Cable Weight: 22 lbs/1000 ft.

Min. Bend Radius/Minor Axis: 3.600 in.

Min. Bend Radius for Long Term Application: 1.900 in.

Max. Load for Installation: 330 lbs.

Max. Load for Long Term Application: 150 lbs.

## Applicable Specifications and Agency Compliance (Overall)

### Applicable Standards & Environmental Programs

|                                       |            |
|---------------------------------------|------------|
| EU Directive 2011/65/EU (ROHS II):    | Yes        |
| EU Directive 2000/53/EC (ELV):        | Yes        |
| EU Directive 2002/95/EC (RoHS):       | Yes        |
| EU RoHS Compliance Date (mm/dd/yyyy): | 01/19/2010 |
| EU Directive 2002/96/EC (WEEE):       | Yes        |
| EU Directive 2003/11/EC (BFR):        | Yes        |
| CA Prop 65 (CJ for Wire & Cable):     | Yes        |
| MII Order #39 (China RoHS):           | Yes        |

### Suitability

|                        |   |
|------------------------|---|
| Suitability - Indoor:  | Yes - by exemption                                  |
| Suitability - Outdoor: | Yes   |
| Suitability - Aerial:  | Yes - Black only, when supported by messenger wire. |
| Sunlight Resistance:   | Yes   |

### Plenum/Non-Plenum

|               |    |
|---------------|----|
| Plenum (Y/N): | No |
|---------------|----|

## Optical Characteristics (Overall)

|   |             |
|---|-------------|
| Maximum Attenuation @ 1310nm:             | .8 dB/km    |
| Maximum Attenuation @ 1550nm:             | .5 dB/km    |
| Maximum Gigabit Ethernet Length @ 1300nm: | 5000 meters |

### Fiber Coding MLT EMEA:

| Fiber/Tube No. | Color  |
|----------------|--------|
| 1              | Blue   |
| 2              | Orange |
| 3              | Green  |
| 4              | Brown  |
| 5              | Slate  |
| 6              | White  |
| 7              | Red    |
| 8              | Black  |
| 9              | Yellow |
| 10             | Violet |
| 11             | Rose   |
| 12             | Aqua   |

## Notes (Overall)

**Notes:** Belden B96639 is approved by Neutrik® for use with opticalCON® connectors. Neutrik and opticalCON are registered trademarks of Neutrik AG.

## Related Documents:

[Tactical Cable.pdf](#) - Tactical cable technical data sheet for product family.

## Put Ups and Colors:

| Item # | Putup | Ship Weight | Color | Notes | Item Desc       |
|--------|-------|-------------|-------|-------|-----------------|
| B96639 | 1 FT  | 0.031 LB    | BLACK |       | TACT 4F OS2 BLK |

Revision Number: 1    Revision Date: 07-21-2014

© 2016 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 herein 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 "AS IS" 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 EU RoHS (Directive 2002/95/EC, 27-Jan-2003). Material manufactured prior to the compliance date may be in stock at Belden facilities and in our Distributor's inventory. The information provided in this Product Disclosure, and the identification of materials listed as reportable or restricted within the Product Disclosure, is correct to the best of Belden's knowledge, information, and belief at the date of its publication. The information provided in this Product Disclosure 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. This 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.