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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 B96572l	.	.	.	B96567 or B96567l
8	B96573	B96568			
12	B96575 or B96575l	.	.	.	B96570 or B96570l

**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:** 6.096 mm

## 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

<b>Bulk Cable Weight:</b>	32.740 Kg/Km
<b>Min. Bend Radius/Minor Axis:</b>	91.440 mm
<b>Min. Bend Radius for Long Term Application:</b>	48.260 mm
<b>Max. Load for Installation:</b>	1467.906 N
<b>Max. Load for Long Term Application:</b>	667.230 N

## Applicable Specifications and Agency Compliance (Overall)

### Applicable Standards & Environmental Programs

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

### Suitability

<b>Suitability - Indoor:</b>	Yes - by exemption
<b>Suitability - Outdoor:</b>	Yes
<b>Suitability - Aerial:</b>	Yes - Black only, when supported by messenger wire.
<b>Sunlight Resistance:</b>	Yes

### Plenum/Non-Plenum

<b>Plenum (Y/N):</b>	No
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## Optical Characteristics (Overall)

<b>Maximum Attenuation @ 1310nm:</b>	.8 dB/km
<b>Maximum Attenuation @ 1550nm:</b>	.5 dB/km
<b>Maximum Gigabit Ethernet Length @ 1300nm:</b>	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

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