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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 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
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## 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

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