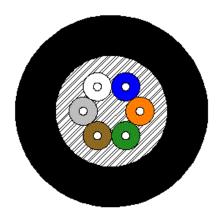
# **Detailed Specifications & Technical Data**

# **ENGLISH MEASUREMENT VERSION**



# **B96639 Fiber - Tactical Cable**



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.

# **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:

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.

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# **Detailed Specifications & Technical Data**

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# **B96639 Fiber - Tactical Cable**

Applicable Specifications and Agency Compliand	ce (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 texchnical 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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**Authorized Distributor** 

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