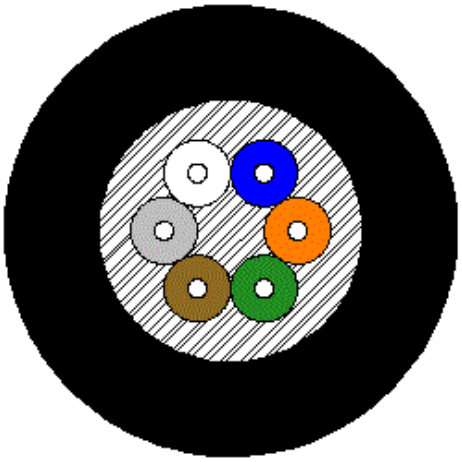
Detailed Specifications & Technical Data

METRIC MEASUREMENT VERSION

B96551 Fiber - Tactical Cable



For more Information please call

1-800-Belden1

General Description:

FiberExpress Tactical Cable, 4-Fiber, OM1, 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:	62.5 Micron (OM1)
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

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

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 @ 850nm:	3.5 dB/km
Maximum Attenuation @ 1300nm:	1.2 dB/km
Minimum Bandwidth @ 850nm:	200 MHz*km
Minimum Bandwidth @ 1300nm:	500 MHz*km
Maximum Gigabit Ethernet Length @ 850nm:	300 meters
Maximum Gigabit Ethernet Length @ 1300nm:	550 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

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
B96551	1 FT	0.031 LB	BLACK		TACT 4F OM1 BLK

Revision Number: 1 Revision Date: 09-23-2014

© 2019 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.