



Part Number: GMTTD02

Outdoor Tactical 02 Fibers OM3

Product Description

Outdoor Tactical Tight Optical Cable 02 x 50/125-OM3-BI A/I-V(ZN)11Y

Technical Specifications

Product Overview

Construction Type:	Tactical
Environmental Space:	Indoor/Outdoor
Suitable Applications:	These metal-free mobile cables have been designed for de-spooling and re-spooling repeatedly. Support all computer network applications such as FDDI, Gigabit Ethernet and ATM. Easy to install. Not Recommended for direct burial. Core-bonded Polyurethane jacket providing simple installation.

Construction

Fiber Cable Construction

Fiber Type	Fiber Count
OM3	2
Fiber Type:	OM3
Fiber Count:	2
Fiber Color Coding:	TIA coding (Gxxxxx.T): Blue, Orange, Green, Brown, Gray, White, Red, Black, Yellow, Violet, Pink, Aqua
Fiber Color Coding 2:	Europe coding (Gxxxxx.0): Red, Natural, Yellow, Blue, Green, Violet, Brown, Black, Orange, Aqua, Pink, White

Buffer Specification

Fiber Type	Buffer Construction	Buffer Material	Buffer Diameter
OM3	Tight	PA - Polyamide	0.9 mm
Cable Core Water Blocking:	Waterblocking Aramid Yarns		
Bulk Cable Weight:	25 kg/km		

Jacket Specifications

Number of Jackets:	Single Jacket
--------------------	---------------

Outer Jacket Material

Material	Nominal Diameter	Ripcord
PUR - Polyurethane	5.4 mm	1

Optical Characteristics

Fiber Core Diameter:	50 μ m
Max Attenuation at 1300 nm:	1.0 dB/km
Max Attenuation at 850 nm:	3.0 dB/km

Mechanical Characteristics

Min Bend Radius During Installation:	43.2 mm
Min Bend Radius During Operation:	21.6 mm
Max Tensile Strength During Installation:	400 N (90 lbf)

Temperature Range

Operating Temp Range:	-55 °C to +85 °C
Installation Temp Range:	-5 °C to +50 °C
Storage Temp Range:	-70 °C to +85 °C

Tensile Strength

Max Tensile Strength During Inst - Test Standard:	IEC 60794-1-21-E1
---	-------------------

Standards

UL Rating/Flame Test:	Non-UL Rated
REACH:	Compliant
ISO/IEC Compliance:	IEC 60794
EU Directive 2011/65/EU (ROHS II):	Compliant
UV/ Sunlight Protection:	yes

© 2018 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 here in 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 all applicable environmental programs as listed in the data sheet. The information provided is correct to the best of Belden's knowledge, information and belief at the date of its publication. This information 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. The 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.