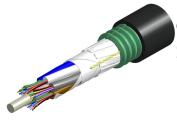
## 760245382 | C-036-LA-8W-M12BK/25G/GY/FS



Fiber indoor/outdoor cable, TeraSPEED®, Single Jacket/Single Armor, 90 min Fire Survival, Low Smoke Zero Halogen (LSZH), 36 fiber, Singlemode G.652.D and G.657.A1, Gel-Filled, Stranded Loose Tube, Black jacket color, Meters cable marking

#### Product Classification

Regional Availability	Asia   Australia/New Zealand   EMEA
Portfolio	CommScope®
Product Type	Fiber indoor/outdoor cable
Product Series	C-LA
General Specifications	
Armor Type	Corrugated steel
Cable Type	Stranded loose tube
Construction Type	Armored
Subunit Type	Gel-filled
Filler, quantity	3
Jacket Color	Black
Jacket Marking	Meters
Jacket Marking Method	Inkjet
Jacket Marking Text	COMMSCOPE GB OPTICAL CABLE 760245382 36x9/125 G652D ULSZH [Serial number] [metre mark]
Subunit, quantity	3
Fibers per Subunit, quantity	12
Total Fiber Count	36
Dimensions	
Buffer Tube/Subunit Diameter	2.5 mm   0.098 in
Diameter Over Jacket	14 mm   0.551 in

Page 1 of 3

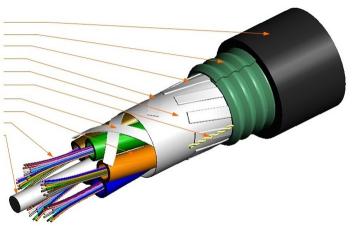
©2024 CommScope, Inc. All rights reserved. CommScope and the CommScope logo are registered trademarks of CommScope and/or its affiliates in the U.S. and other countries. For additional trademark information see https://www.commscope.com/trademarks. All product names, trademarks and registered trademarks are property of their respective owners. Revised: June 6, 2024



## 760245382 | C-036-LA-8W-M12BK/25G/GY/FS

### Representative Image

L SZH Outer Jacket Steel Tape Armoring Strength Elements Binder Mica & Water Swellable Tape Ripcord Binder 2.5mm Gel Filled Buffer Tubes 250 micron Fibers Dielectric Strength Member



### Mechanical Specifications

Minimum Bend Radius, loaded	330 mm   12.992 in
Minimum Bend Radius, unloaded	200 mm   7.874 in
Tensile Load, long term, maximum	1200 N   269.771 lbf
Tensile Load, short term, maximum	4000 N   899.236 lbf
Compression	20 N/mm   114.203 lb/in
Compression Test Method	IEC 60794-1 E3
Impact	5 N-m   44.254 in lb
Impact Test Method	IEC 60794-1 E4
Strain	See long and short term tensile loads
Strain Test Method	IEC 60794-1 E1
Twist	5 cycles
Twist Test Method	IEC 60794-1 E7
Optical Specifications	

Fiber Type

G.652.D and G.657.A1, TeraSPEED  ${\rm \circledast}~~|~~ {\rm OS2}$ 

#### **Environmental Specifications**

**Operating Temperature** 

Storage Temperature

-30 °C to +70 °C (-22 °F to +158 °F) -40 °C to +70 °C (-40 °F to +158 °F)

Page 2 of 3

©2024 CommScope, Inc. All rights reserved. CommScope and the CommScope logo are registered trademarks of CommScope and/or its affiliates in the U.S. and other countries. For additional trademark information see https://www.commscope.com/trademarks. All product names, trademarks and registered trademarks are property of their respective owners. Revised: June 6, 2024



# 760245382 | C-036-LA-8W-M12BK/25G/GY/FS

Cable Qualification Standards	EN 187105   IEC 60794-1-2
EN50575 CPR Cable EuroClass Fire Performance	B2ca
EN50575 CPR Cable EuroClass Smoke Rating	sla
EN50575 CPR Cable EuroClass Droplets Rating	d0
EN50575 CPR Cable EuroClass Acidity Rating	al
Environmental Space	Aerial, lashed   Buried   Low Smoke Zero Halogen (LSZH)
Flame Test Method	IEC 60331-25   IEC 60332-1   IEC 60332-3-24   IEC 60754-1   IEC 60754-2   IEC 61034-2   NES 713 (<=5 - jacket material only)
Jacket UV Resistance	UV stabilized
Water Penetration	24 h
Water Penetration Test Method	IEC 60794-1 F5
Environmental Test Specifications	
Low High Bend Test Method	IEC 60794-1 E11
Temperature Cycle	-20 °C to +70 °C (-4 °F to +158 °F)
Temperature Cycle Test Method	IEC 60794-1 F1
Packaging and Weights	
Cable weight	240 kg/km   161.273 lb/kft
* Footootes	

### \* Footnotes

**Operating Temperature** Specification applicable to non-terminated bulk fiber cable

Page 3 of 3

©2024 CommScope, Inc. All rights reserved. CommScope and the CommScope logo are registered trademarks of CommScope and/or its affiliates in the U.S. and other countries. For additional trademark information see https://www.commscope.com/trademarks. All product names, trademarks and registered trademarks are property of their respective owners. Revised: June 6, 2024

