# 760249714 | C-012-CN-5Y-M12BK/28G/093



Fiber indoor/outdoor cable, Gel-filled Central Tube, 12 fiber, Multimode OM3, Meters jacket marking, Black jacket color

## Product Classification

Regional Availability	Asia   Australia/New Zealand
Portfolio	CommScope®
Product Type	Fiber indoor/outdoor cable
Product Series	Z-CN
General Specifications	
Cable Type	Central loose tube
Construction Type	Non-armored
Subunit Type	Gel-filled
Jacket Color	Black
Jacket Marking	Meters
Fibers per Subunit, quantity	12
Total Fiber Count	12
Dimensions	
Buffer Tube/Subunit Diameter	2.8 mm   0.11 in
Diameter Over Jacket	7 mm   0.276 in

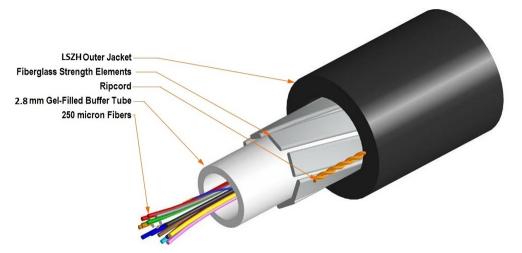
## Representative Image

Page 1 of 3

©2025 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: May 1, 2025



## 760249714 | C-012-CN-5Y-M12BK/28G/093



#### Mechanical Specifications

Minimum Bend Radius, loaded	140 mm   5.512 in
Minimum Bend Radius, unloaded	70 mm   2.756 in
Tensile Load, long term, maximum	800 N   179.847 lbf
Tensile Load, short term, maximum	1800 N   404.656 lbf
Compression	15 N/mm   85.652 lb/in
Compression Test Method	IEC 60794-1-2 E3
Strain	See long and short term tensile loads
Strain Test Method	IEC 60794-1-2-E1

#### **Optical Specifications**

Fiber Type

OM3

#### Optical Specifications, Wavelength Specific

Attenuation, maximum 1.00 dB/km @ 1,300 nm | 3.00 dB/km @ 850 nm

#### **Environmental Specifications**

Installation temperature	-10 °C to +60 °C (+14 °F to +140 °F)
Operating Temperature	-40 °C to +70 °C (-40 °F to +158 °F)
Storage Temperature	-40 °C to +70 °C (-40 °F to +158 °F)
Environmental Space	Low Smoke Zero Halogen (LSZH)
Flame Test Method	IEC 60332-1

Page 2 of 3

©2025 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: May 1, 2025



## 760249714 | C-012-CN-5Y-M12BK/28G/093

#### **Environmental Test Specifications**

Temperature Cycle		-40 °C to +70 °C (-40 °F to +158 °F)	
Temperature Cycle Test N	lethod	IEC 60794-1-2 F1	
Packaging and Weights			
Cable weight		58 kg/km   38.974 lb/kft	
Regulatory Compliance/Certifications			
Agency	Classification		
REACH-SVHC	Compliant as per SVHC revision on www.commscope.com/ProductCompliance		

## \* Footnotes

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

Page 3 of 3

©2025 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: May 1, 2025

