# 760249708 | 0-012-CA-5X-M12BK/28G/093



Fiber OSP cable, PE, Gel-filled Central Tube, CST, 12 fiber, Multimode OM4, Meters jacket marking, Black jacket color

#### Product Classification

Regional Availability	Asia   Australia/New Zealand
Portfolio	CommScope®
Product Type	Fiber OSP cable
Product Series	O-CA
General Specifications	
Cable Type	Central loose tube
Construction Type	Armored
Subunit Type	Gel-filled
Jacket Color	Black
Jacket Marking	Feet
Fibers per Subunit, quantity	12
Total Fiber Count	12
Dimensions	
Buffer Tube/Subunit Diameter	2.8 mm   0.11 in
Diameter Over Jacket	9.1 mm   0.358 in
Mechanical Specifications	
Minimum Bend Radius, loaded	182 mm   7.165 in
Minimum Bend Radius, unloaded	91 mm   3.583 in
Tensile Load, long term, maximum	890 N   200.08 lbf
Tensile Load, short term, maximum	2700 N   606.984 lbf
Compression	20 N/mm   114.203 lb/in
Compression Test Method	IEC 60794-1-2 E3
Flex	25 cycles
Strain	See long and short term tensile loads

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 6, 2025



## 760249708 | 0-012-CA-5X-M12BK/28G/093

Strain Test Method	IEC 60794-1-2-E1	
Optical Specifications		
Fiber Type	OM4	
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	Buried   Ducted   Outdoor	
Water Penetration	24 h	
Water Penetration Test Method	IEC 60794-1 F5B	
Environmental Test Specifications		
Temperature Cycle	-40 °C to +70 °C (-40 °F to +158 °F)	
Temperature Cycle Test Method	IEC 60794-1-2 F1	
Packaging and Weights		
Cable weight	92 kg/km   61.821 lb/kft	
Regulatory Compliance/Certifications		

Agency	Classification
CHINA-ROHS	Below maximum concentration value
REACH-SVHC	Compliant as per SVHC revision on www.commscope.com/ProductCompliance
ROHS	Compliant
UK-ROHS	Compliant



#### Included Products

CS-5X-LT-3.0/1.0/093 - OM4 Bend-Insensitive Multimode Fiber

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 6, 2025



## 760249708 | 0-012-CA-5X-M12BK/28G/093

### \* 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 6, 2025

