### Indoor/Outdoor Fiber Optic Cable, Dry, 12-fiber, OFNP, OM3, black

#### Product Classification

Bandwidth, OFL, minimum

**Standards Compliance** 

Regional Availability	Asia   Latin America   North America
Portfolio	CommScope®
Product Type	Fiber indoor/outdoor cable
Product Series	C-DS
General Specifications	
Cable Type	Loose tube
Subunit Type	Gel-free
Jacket Color	Black
Jacket Marking	Meters
Fibers per Subunit, quantity	12
Total Fiber Count	12
Dimensions	
Diameter Over Jacket	7 mm   0.276 in
Mechanical Specifications	
Minimum Bend Radius, loaded	152.4 mm   6 in
Minimum Bend Radius, unloaded	71 mm   2.795 in
Tensile Load, long term, maximum	400 N   89.924 lbf
Tensile Load, short term, maximum	1334 N   299.895 lbf
Optical Specifications	
Fiber Type	OM3
Optical Specifications, Wavelength Specific	
10 Gbps Ethernet Distance	300 m @ 850 nm
Attenuation, maximum	1.00 dB/km @ 1,300 nm   3.20 dB/km @ 850 nm
Bandwidth, Laser, minimum	2,000 MHz-km @ 850 nm

Page 1 of 2

©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

1,500 MHz-km @ 850 nm | 500 MHz-km @ 1,300 nm

ANSI/TIA-568.B.1 | ANSI/TIA-568.B.2 | IEC 60793-2-10 | TIA-492AAAC (OM3)



#### **Environmental Specifications**

Installation temperature	0 °C to +60 °C (+32 °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	Plenum

### Packaging and Weights

**Cable weight** 

53 kg/km | 35.614 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



# \* Footnotes

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

Page 2 of 2

©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

