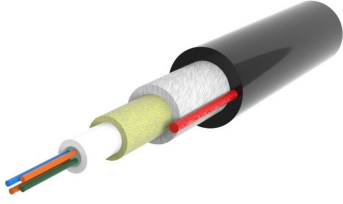# 760253355 | C-012-DN-5K-M12BK/20G/D

Fiber indoor/outdoor cable, LazrSPEED 550, Gel-filled loose tube, 12 fiber, Multimode OM4, Meters jacket marking, Black jacket color, Dca flame rating

Product Classification

Regional Availability	Asia	Australia/New Zealand	EMEA
Portfolio	CommScope®
Product Type	Fiber indoor/outdoor cable
Product Series	C-DN

General Specifications

Cable Type	Central loose tube
Construction Type	Non-armored
Subunit Type	Gel-filled
Jacket Color	Black
Jacket Marking	Meters
Jacket Marking Method	Inkjet
Jacket Marking Text	COMMSCOPE GB OPTICAL CABLE 760253355 12 x OM4 MM LSZH EN50575 CLASS D [DOM] [SERIAL NUMBER] [METER MARK]
Subunit, quantity	1
Fibers per Subunit, quantity	12
Total Fiber Count	12

Dimensions

Buffer Tube/Subunit Diameter	2 mm	0.079 in
Diameter Over Jacket	5.05 mm	0.199 in

Representative Image

COMMSCOPE®

760253355 | C-012-DN-5K-M12BK/20G/D

Low-Smoke Zero-Halogen Jacket

Water-Blocking E-Glass Strength Elements

Water-Blocking Aramid Strength Elements

Ripcord

Gel-Filled Buffer Tube (2.0mm)

Optical Fibre

Mechanical Specifications

Minimum Bend Radius, loaded	25 mm | 0.984 in
Minimum Bend Radius, unloaded	25 mm | 0.984 in
Tensile Load, long term, maximum	400 N | 89.924 lbf
Tensile Load, short term, maximum	1500 N | 337.214 lbf
Cable Crush Resistance, maximum	15 N/mm | 85.652 lb/in
Compression	15 N/mm | 85.652 lb/in
Compression Test Method	IEC 60794-1-2 E3
Impact	3 N-m | 26.552 in lb
Impact Test Method	IEC 60794-1 E4
Twist	5 cycles
Twist Test Method	IEC 60794-1 E7

Optical Specifications

Fiber Type	OM4

Environmental Specifications

Installation temperature	-40 °C to +70 °C (-40 °F to +158 °F)
Operating Temperature	-40 °C to +70 °C (-40 °F to +158 °F)
Storage Temperature	0 °C to +70 °C (+32 °F to +158 °F)
Cable Qualification Standards	IEC 60794-1-2
EN50575 CPR Cable EuroClass Fire Performance	Dca

COMMSCOPE®

EN50575 CPR Cable EuroClass Smoke Rating	s1a
EN50575 CPR Cable EuroClass Droplets Rating	d0
EN50575 CPR Cable EuroClass Acidity Rating	a1
Environmental Space	Drop	Universal Low Smoke Zero Halogen (ULSZH)
Flame Test Listing	IEC 60332-1-2
Flame Test Method	EN 50399	IEC 60754-2	IEC 61034-2
Water Penetration	24 h

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	34 kg/km	22.847 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-5K-LT	–	LazrSPEED® 550 OM4 Bend-Insensitive Multimode Fiber

* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable

COMMSCOPE®