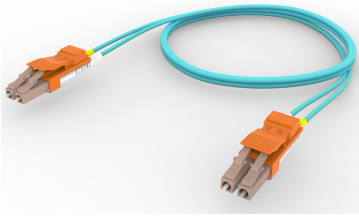


FDXKBKB42

Base Product



OM4 LC/UPC to LC/UPC Fiber Patch Cord, 1.6 mm Duplex, Plenum, Orange (AA) Locking Clip

Product Classification

Regional Availability	Asia Australia/New Zealand Latin America North America
Portfolio	CommScope®
Product Type	Fiber patch cord, duplex
Product Brand	SYSTIMAX InstaPATCH® 360
Product Series	FDX
Ordering Note	For lengths greater than 999 ft (304 m), orders must be in meters Minimum length may vary based on cable configuration

General Specifications

Color, boot A	White
Color, connector A	Beige
Color, boot B	White
Color, connector B	Beige
Interface, Connector A	LC/UPC
Interface, Connector B	LC/UPC
Jacket Color	Aqua
Polarity	Method B
Total Fibers, quantity	2

Dimensions

Cable Assembly Length Range (m)	1 – 999
Cable Assembly Length Range (ft)	1 – 999
Diameter Over Jacket	1.6 mm 0.063 in

Ordering Tree

FDXKBKB42



Mechanical Specifications

Cable Retention Strength, maximum 11.24 lb @ 0 ° | 4.40 lb @ 90 °

Optical Specifications

Fiber Mode Multimode

Fiber Type OM4, LazrSPEED®

Environmental Specifications

Operating Temperature -10 °C to +60 °C (+14 °F to +140 °F)

Environmental Space Plenum

Regulatory Compliance/Certifications

Agency

CHINA-ROHS

ISO 9001:2015

ROHS

UK-ROHS

Classification

Below maximum concentration value

Designed, manufactured and/or distributed under this quality management system

Compliant

Compliant



Included Products

- 460125198 – Pre-Radiused LC Connector duplex for 1.6 mm Fiber, multimode
- 760118919 – LazrSPEED® 1.6 mm Plenum Zipcord Cable
- P-002-ZC-5K-F160R

460125198

Pre-Radiused LC Connector duplex for 1.6 mm Fiber, multimode

Product Classification

Regional Availability	Asia Australia/New Zealand EMEA Latin America North America
Portfolio	CommScope®
Product Type	Fiber connector

General Specifications

Body Style	Duplex
Color	Beige
Ferrule Geometry	Pre-radiused
Interface	LC/UPC

Dimensions

Length	50.3 mm 1.98 in
Compatible Cable Diameter	1.6 mm 0.063 in

Material Specifications

Ferrule Material	Zirconia
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Mechanical Specifications

Cable Retention Strength, maximum	11.24 lb @ 0 °
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Optical Specifications

Fiber Mode	Multimode
Insertion Loss Change, mating	0.3 dB
Optical Components Standard	ANSI/TIA-568-C.3
Insertion Loss Change, temperature	0.3 dB
Insertion Loss, maximum	0.3 dB
Insertion Loss, ULL, maximum	0.15 dB
Return Loss, minimum	27 dB

Packaging and Weights

Packaging quantity 2

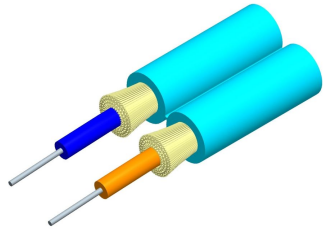
Regulatory Compliance/Certifications

Agency	Classification
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system

* Footnotes

Insertion Loss Change, mating TIA-568: Maximum insertion loss change after 500 matings

Insertion Loss Change, temperature Maximum insertion loss change from -10 °C to +60 °C (+14 °F to +140 °F)



LazrSPEED® 1.6 mm Plenum Zipcord Cable

Product Classification

Regional Availability	Asia Australia/New Zealand Latin America Middle East/Africa North America
Portfolio	CommScope®
Product Type	Fiber indoor cable
Product Series	P-ZC

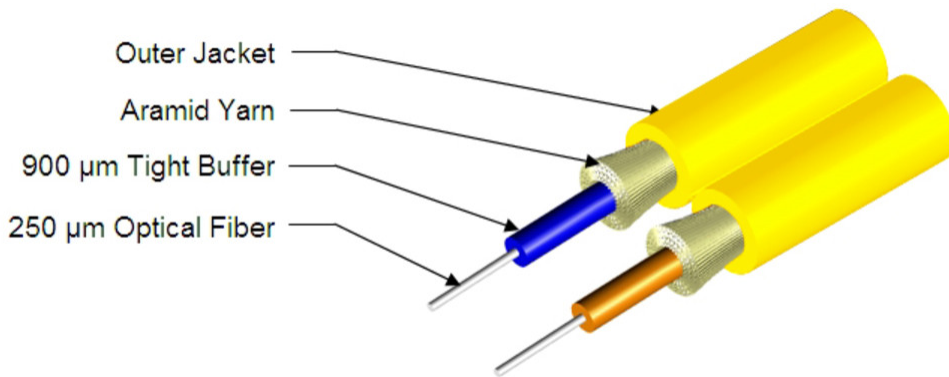
General Specifications

Cable Type	Cordage
Construction Type	Non-armored
Subunit Type	Gel-free
Jacket Color	Orange
Jacket Marking	Feet
Total Fiber Count	2

Dimensions

Height Over Jacket	1.7 mm 0.067 in
Width Over Jacket	3.5 mm 0.138 in

Representative Image



Mechanical Specifications

Minimum Bend Radius, loaded	38 mm 1.496 in
Minimum Bend Radius, unloaded	15 mm 0.591 in
Tensile Load, long term, maximum	53 N 11.915 lbf
Tensile Load, short term, maximum	178 N 40.016 lbf
Compression	10 N/mm 57.101 lb/in
Compression Test Method	FOTP-41 IEC 60794-1 E3
Flex	300 cycles
Flex Test Method	FOTP-104 IEC 60794-1 E6
Impact	0.74 N-m 6.55 in lb
Impact Test Method	FOTP-25 IEC 60794-1 E4
Strain	See long and short term tensile loads
Strain Test Method	FOTP-33 IEC 60794-1 E1
Twist	10 cycles
Twist Test Method	FOTP-85 IEC 60794-1 E7
Vertical Rise, maximum	500 m 1,640.42 ft

Optical Specifications

Fiber Type	OM4, LazrSPEED® 550 OM4, LazrSPEED® 550
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Environmental Specifications

Installation temperature	0 °C to +70 °C (+32 °F to +158 °F)
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760118919 | P-002-ZC-5K-F160R

Operating Temperature	-20 °C to +70 °C (-4 °F to +158 °F)
Storage Temperature	-40 °C to +70 °C (-40 °F to +158 °F)
Cable Qualification Standards	ANSI/ICEA S-83-596 Telcordia GR-409
Environmental Space	Plenum
Flame Test Listing	NEC OFNP (ETL) and c(ETL)
Flame Test Method	NFPA 130 NFPA 262

Environmental Test Specifications

Heat Age	-20 °C to +85 °C (-4 °F to +185 °F)
Heat Age Test Method	IEC 60794-1 F9
Low High Bend	-20 °C to +70 °C (-4 °F to +158 °F)
Low High Bend Test Method	FOTP-37 IEC 60794-1 E11
Temperature Cycle	-20 °C to +70 °C (-4 °F to +158 °F)
Temperature Cycle Test Method	FOTP-3 IEC 60794-1 F1

Packaging and Weights

Cable weight	6 kg/km 4.032 lb/kft
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Regulatory Compliance/Certifications

Agency	Classification
CHINA-ROHS	Below maximum concentration value
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system
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