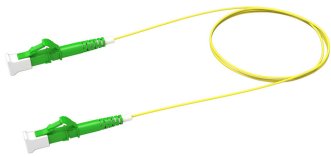


# XPPCSR/M

Base Product



CommScope XPND™ Singlemode LC/APC to LC/APC, Fiber Patch Cord, 1.6 mm Simplex, Dual Rated LSZH/Riser

## Product Classification

Regional Availability	Latin America   North America
Portfolio	CommScope®
Product Type	Fiber patch cord, simplex
Product Brand	SYSTIMAX InstaPATCH® 360
Product Series	XPPC

## General Specifications

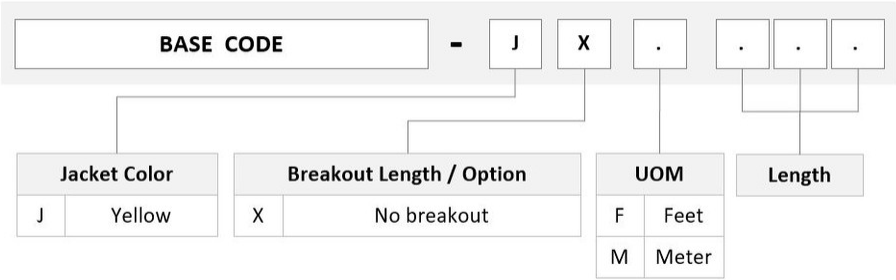
Connector A, quantity	1
Color, boot A	Green
Color, connector A	Green
Connector B, quantity	1
Color, boot B	Green
Color, connector B	Green
Interface, Connector A	LC/APC
Interface, Connector B	LC/APC
Jacket Color	Yellow
Polarity	Method B
Total Fibers, quantity	1

## Dimensions

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

## Ordering Tree

# XPPCSR/M



## Mechanical Specifications

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

## Optical Specifications

**Fiber Mode** Singlemode  
**Fiber Type** G.652.D | G.657.A1, TeraSPEED®

## Environmental Specifications

**Operating Temperature** -10 °C to +60 °C (+14 °F to +140 °F)  
**Operating Temperature, pending approval** -20 °C to +70 °C (-4 °F to +158 °F)  
**Environmental Space** Dual Rated LSZH/Riser

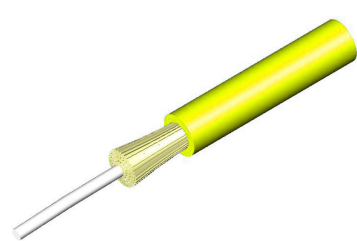
## Regulatory Compliance/Certifications

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



## Included Products

- 760164160 N-001-SP-8W-F16YL/E – Fiber Indoor Cable, OptiSPEED® 1.6mm Low Smoke Zero Halogen Riser, 1-fiber Simplex, Singlemode G.652.D and G.657.A1, Yellow jacket color, Eca Flame Rating
- 860637444 – TeraSPEED® LC/APC Connector for 1.6 mm Fiber, Singlemode, Green, Short Boot



Fiber Indoor Cable, OptiSPEED® 1.6mm Low Smoke Zero Halogen Riser, 1-fiber Simplex, Singlemode G.652.D and G.657.A1, Yellow jacket color, Eca Flame Rating

Product Classification

Regional Availability	Asia   Australia/New Zealand   EMEA   Latin America   North America
Portfolio	CommScope®
Product Type	Fiber indoor cable
Product Series	N-SP

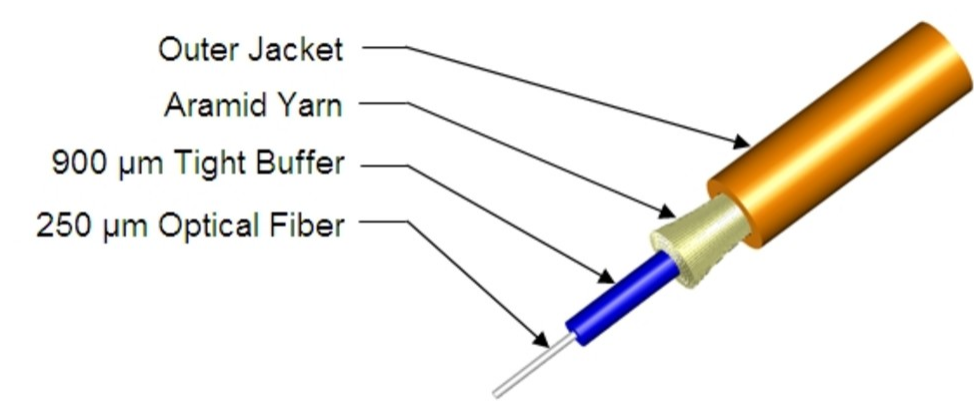
General Specifications

Cable Type	Cordage
Construction Type	Non-armored
Subunit Type	Gel-free
Jacket Color	Yellow
Jacket Marking	Feet
Total Fiber Count	1

Dimensions

Diameter Over Jacket	1.7 mm   0.067 in
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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	29 N   6.519 lbf
Tensile Load, short term, maximum	98 N   22.031 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	G.652.D and G.657.A1, TeraSPEED®
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Environmental Specifications

Installation temperature	-20 °C to +60 °C (-4 °F to +140 °F)
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
EN50575 CPR Cable EuroClass Fire Performance	Eca
Environmental Space	Low Smoke Zero Halogen (LSZH)   Riser
Flame Test Listing	NEC OFNR-ST1 (ETL) and c(ETL)
Flame Test Method	IEC 60332-1-2   IEC 60332-3   IEC 60754-2   IEC 61034-2   UL 1666   UL 1685

### 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	2.8 kg/km   1.882 lb/kft
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### Regulatory Compliance/Certifications

Agency	Classification
CENELEC	EN 50575 compliant, Declaration of Performance (DoP) available
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 <a href="http://www.commscope.com/ProductCompliance">www.commscope.com/ProductCompliance</a>
ROHS	Compliant
UK-ROHS	Compliant



### \* Footnotes

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

TeraSPEED® LC/APC Connector for 1.6 mm Fiber, Singlemode, Green, Short Boot

Product Classification

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

General Specifications

Color	Green
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 Type	G.652.D and G.657.A1, TeraSPEED®   OS2
Optical Components Standard	ANSI/TIA-568-C.3   GR-326-CORE
Insertion Loss, ULL, maximum	0.25 dB
Return Loss, minimum	50 dB

Packaging and Weights

Packaging quantity	1
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Regulatory Compliance/Certifications

Agency	Classification
CHINA-ROHS	Below maximum concentration value

860637444

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ROHS	Compliant
UK-ROHS	Compliant

