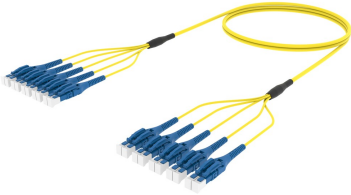


FSXLCUCW6

Base Product



LazrSPEED® 550 LC/UPC to Unconnectorized, Distribution Cable, 6-Fiber, Plenum

Product Classification

| | |
|------------------------------|---|
| Regional Availability | North America |
| Portfolio | CommScope® |
| Product Type | Fiber distribution cable assembly |
| Product Brand | SYSTIMAX InstaPATCH® 360 |
| Ordering Note | For lengths greater than 999 ft (304 m), orders must be in meters |

General Specifications

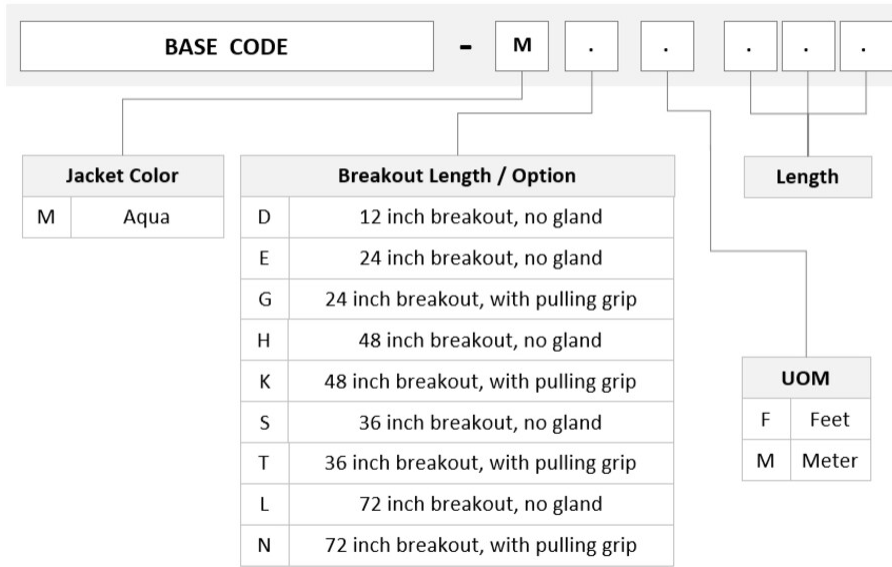
| | |
|-------------------------------|----------------------|
| Connector A, quantity | 6 |
| Color, connector A | Black |
| Construction Type | Distribution, indoor |
| Interface, Connector A | LC/UPC |
| Interface, Connector B | LC/UPC |
| Jacket Color | Aqua |
| Total Fibers, quantity | 6 |

Dimensions

| | |
|---|----------|
| Cable Assembly Length Range (m) | 3 – 999 |
| Cable Assembly Length Range (ft) | 10 – 999 |

Ordering Tree

FSXLCUCW6



Mechanical Specifications

Cable Retention Strength, maximum 0.50 lb @ 0° | 0.50 lb @ 90°

Optical Specifications

Fiber Mode Multimode

Fiber Type OM4, LazrSPEED®

Environmental Specifications

Operating Temperature 0 °C to +70 °C (+32 °F to +158 °F)

Environmental Space Plenum

Regulatory Compliance/Certifications

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



FSXLCUCW6

Included Products

- 460125271 – Behind The Wall Pre-Radiused LC Connector for 0.9 mm Fiber, multimode
- 760012138 – Fiber indoor cable, LazrSPEED® Plenum Distribution Cable, 6 fiber single-unit, Multimode OM4, Feet jacket marking, Aqua jacket color
- P-006-DS-5K-FSUAQ

460125271

Behind The Wall Pre-Radiused LC Connector for 0.9 mm Fiber, multimode

Product Classification

| | |
|------------------------------|---|
| Regional Availability | Asia Australia/New Zealand EMEA Latin America North America |
| Portfolio | CommScope® |
| Product Type | Fiber connector |
| Product Brand | LazrSPEED® OptiSPEED® |

General Specifications

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

Dimensions

| | |
|----------------------------------|-------------------|
| Length | 32 mm 1.26 in |
| Compatible Cable Diameter | 0.9 mm 0.035 in |

Material Specifications

| | |
|-------------------------|----------|
| Ferrule Material | Zirconia |
|-------------------------|----------|

Mechanical Specifications

| | |
|--|---------------|
| Cable Retention Strength, maximum | 1.00 lb @ 0 ° |
|--|---------------|

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 |
| Return Loss, minimum | 27 dB |

Packaging and Weights

Packaging quantity 1

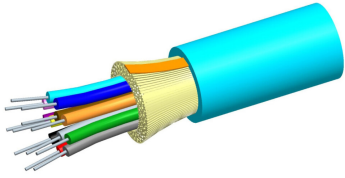
Regulatory Compliance/Certifications

| 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)



Fiber indoor cable, LazrSPEED® Plenum Distribution Cable, 6 fiber single-unit, Multimode OM4, Feet jacket marking, Aqua jacket color

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-DS |

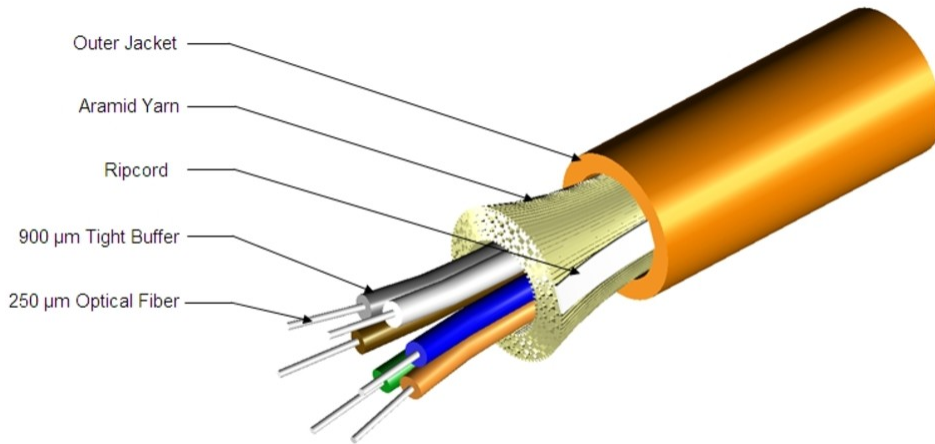
General Specifications

| | |
|--------------------------|--------------|
| Cable Type | Distribution |
| Construction Type | Non-armored |
| Subunit Type | Gel-free |
| Jacket Color | Aqua |
| Jacket Marking | Feet |
| Total Fiber Count | 6 |

Dimensions

| | |
|-----------------------------|--------------------|
| Diameter Over Jacket | 4.74 mm 0.187 in |
|-----------------------------|--------------------|

Representative Image



Mechanical Specifications

| | |
|--|---------------------------------------|
| Minimum Bend Radius, loaded | 71 mm 2.795 in |
| Minimum Bend Radius, unloaded | 47 mm 1.85 in |
| Tensile Load, long term, maximum | 200 N 44.962 lbf |
| Tensile Load, short term, maximum | 667 N 149.948 lbf |
| Compression | 10 N/mm 57.101 lb/in |
| Compression Test Method | FOTP-41 IEC 60794-1 E3 |
| Flex | 100 cycles |
| Flex Test Method | FOTP-104 IEC 60794-1 E6 |
| Impact | 5.88 N-m 52.042 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 |
|-------------------|---|

Environmental Specifications

760012138 | P-006-DS-5K-FSUAQ

| | |
|--------------------------------------|---------------------------------------|
| Installation temperature | 0 °C to +70 °C (+32 °F to +158 °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 |
| Environmental Space | Plenum |
| Flame Test Listing | NEC OFNP (ETL) and c(ETL) UL 1651 |
| 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 | 22 kg/km 14.783 lb/kft |
|---------------------|--------------------------|

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