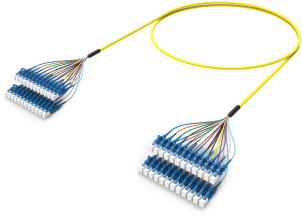


FSWLCLCWF

Base Product



TeraSPEED® LC/UPC to LC/UPC, Distribution Cable, 24-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

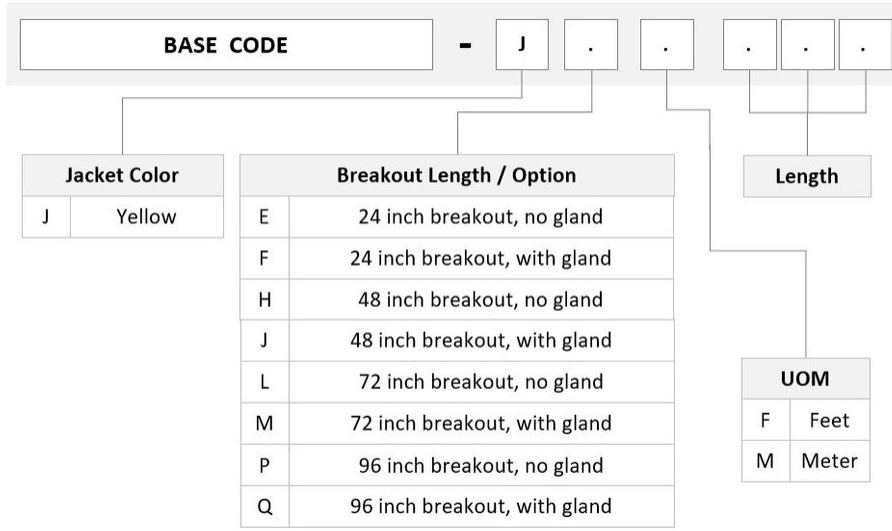
| | |
|-------------------------------|----------------------|
| Cable Glands | No glands |
| Color, connector A | Blue |
| Color, connector B | Blue |
| Construction Type | Distribution, indoor |
| Interface, Connector A | LC/UPC |
| Interface, Connector B | LC/UPC |
| Total Fibers, quantity | 24 |

Dimensions

| | |
|---|---------|
| Cable Assembly Length Range (m) | 3 – 305 |
| Cable Assembly Length Range (ft) | 7 – 999 |

Ordering Tree

FSWLCLCWF



Mechanical Specifications

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

Environmental Space Plenum

Regulatory Compliance/Certifications

Agency

CHINA-ROHS

ISO 9001:2015

REACH-SVHC

ROHS

UK-ROHS

Classification

Below maximum concentration value

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

Compliant as per SVHC revision on www.commscope.com/ProductCompliance

Compliant

Compliant

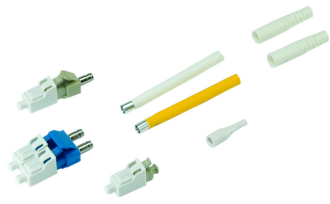


FSWLCLCWF

Included Products

- 460125289 – Behind The Wall Pre-Radiused LC Connector for 0.9 mm Fiber, single-mode
- P-024-DS-8W-FSU – Fiber indoor cable, TeraSPEED® Plenum Distribution, 24 fiber single-unit, Singlemode G.652.D and G.657.A1, Feet jacket marking,

460125289



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

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 | Blue |
| 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 Type | G.652.D and G.657.A1, TeraSPEED® OS2 |
| 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 | 0.25 dB |
| Return Loss, minimum | 50 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)

P-024-DS-8W-FSU

Fiber indoor cable, TeraSPEED® Plenum Distribution, 24 fiber single-unit, Singlemode G.652.D and G.657.A1, Feet jacket marking,

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 |

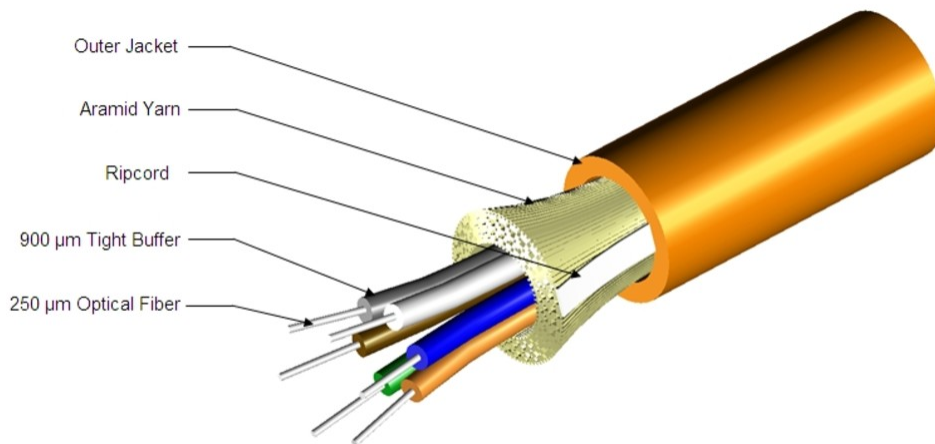
General Specifications

| | |
|--------------------------|--------------|
| Cable Type | Distribution |
| Construction Type | Non-armored |
| Subunit Type | Gel-free |
| Jacket Marking | Feet |
| Total Fiber Count | 24 |

Dimensions

| | |
|-----------------------------|-------------------|
| Diameter Over Jacket | 8.5 mm 0.335 in |
|-----------------------------|-------------------|

Representative Image



Mechanical Specifications

P-024-DS-8W-FSU

| | |
|--|---------------------------------------|
| Minimum Bend Radius, loaded | 127 mm 5 in |
| Minimum Bend Radius, unloaded | 85 mm 3.346 in |
| Tensile Load, long term, maximum | 400 N 89.924 lbf |
| Tensile Load, short term, maximum | 1335 N 300.12 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 | G.652.D and G.657.A1, TeraSPEED® |
|-------------------|----------------------------------|

Environmental Specifications

| | |
|--------------------------------------|---------------------------------------|
| 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) |
| Flame Test Method | 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 |

P-024-DS-8W-FSU

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 70 kg/km | 47.038 lb/kft

Regulatory Compliance/Certifications

Agency

ISO 9001:2015

Classification

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

* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable