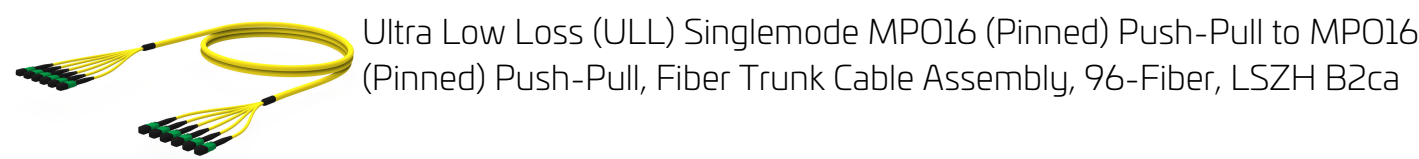


# D3GRYRY8L

Base Product



## Product Classification

|                       |                                                                                                                                                                                                          |
|-----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Regional Availability | Asia   Australia/New Zealand   China   Europe   India   Latin America   Middle East/Africa   North America                                                                                               |
| Portfolio             | CommScope®                                                                                                                                                                                               |
| Product Type          | Fiber trunk cable assembly                                                                                                                                                                               |
| Product Brand         | Propel   SYSTIMAX ULL                                                                                                                                                                                    |
| Ordering Note         | For additional jacket colors, please contact a CommScope Sales Representative   For lengths greater than 999 ft (304 m), orders must be in meters   Minimum length may vary based on cable configuration |

## General Specifications

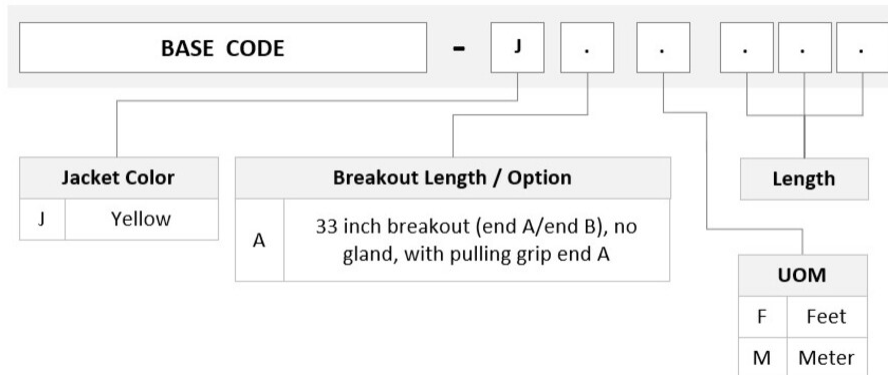
|                                   |                         |
|-----------------------------------|-------------------------|
| Connector A, quantity             | 6                       |
| Color, boot A                     | Black                   |
| Color, connector A                | Green                   |
| Connector B, quantity             | 6                       |
| Color, boot B                     | Black                   |
| Color, connector B                | Green                   |
| Construction Type                 | Stranded                |
| Furcation Color                   | Yellow                  |
| Interface, Connector A            | MPO-16/APC Male         |
| Interface Body Style, connector A | Push-pull boot          |
| Interface, Connector B            | MPO-16/APC Male         |
| Interface Body Style, connector B | Push-pull boot          |
| Jacket Color                      | Yellow                  |
| Polarity                          | Method B Enhanced (ULL) |
| Fibers per Subunit, quantity      | 16                      |
| Total Fibers, quantity            | 96                      |

D3GRYRY8L

## Dimensions

|                                         |          |
|-----------------------------------------|----------|
| <b>Breakout Length</b>                  | 33 in    |
| <b>Cable Assembly Length Range (m)</b>  | 3 – 305  |
| <b>Cable Assembly Length Range (ft)</b> | 10 – 999 |

# Ordering Tree



## Mechanical Specifications

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

## Optical Specifications

|                   |                      |
|-------------------|----------------------|
| <b>Fiber Mode</b> | Singlemode           |
| <b>Fiber Type</b> | G.657.A2, TeraSPEED® |

## Environmental Specifications

|                                                     |                                        |
|-----------------------------------------------------|----------------------------------------|
| <b>Operating Temperature</b>                        | -10 °C to +60 °C (+14 °F to +140 °F)   |
| <b>EN50575 CPR Cable EuroClass Fire Performance</b> | B2ca                                   |
| <b>Environmental Space</b>                          | Indoor   Low Smoke Zero Halogen (LSZH) |

## 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                                                             |

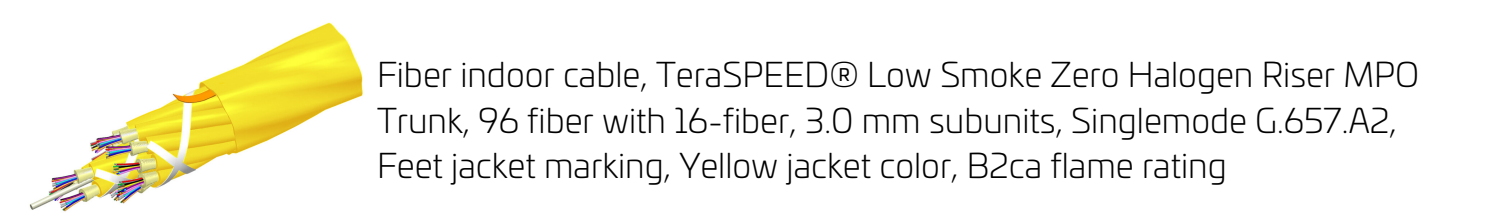
# D3GRYRY8L

---



## Included Products

- |                                        |                                                                                                                                                                                                    |
|----------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 760251077<br>N-096-MP-8G1-F16YL/30T/B2 | – Fiber indoor cable, TeraSPEED® Low Smoke Zero Halogen Riser MPO Trunk, 96 fiber with 16-fiber, 3.0 mm subunits, Singlemode G.657.A2, Feet jacket marking, Yellow jacket color, B2ca 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-MP                                                                |

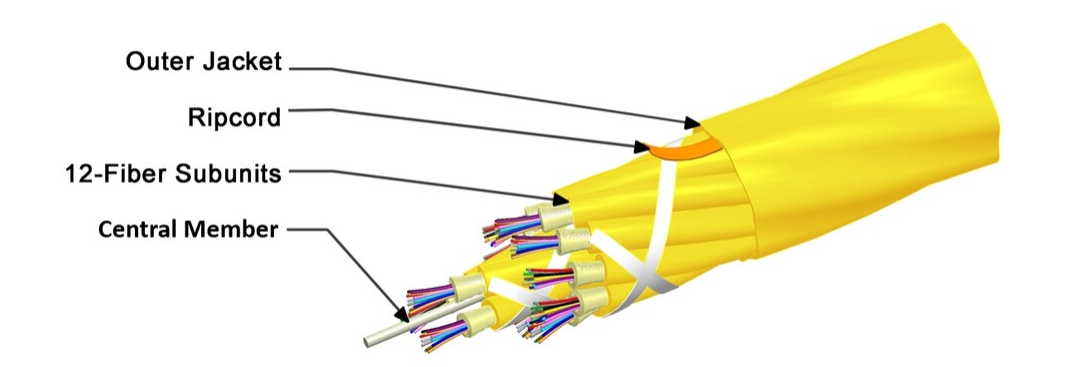
## General Specifications

|                              |                 |
|------------------------------|-----------------|
| Cable Type                   | MPO trunk cable |
| Construction Type            | Non-armored     |
| Subunit Type                 | Gel-free        |
| Jacket Color                 | Yellow          |
| Jacket Marking               | Feet            |
| Subunit, quantity            | 6               |
| Fibers per Subunit, quantity | 16              |
| Total Fiber Count            | 96              |

## Dimensions

|                              |                    |
|------------------------------|--------------------|
| Buffer Tube/Subunit Diameter | 3 mm   0.118 in    |
| Diameter Over Jacket         | 12.1 mm   0.476 in |

## Representative Image



Mechanical Specifications

|                                   |                                       |
|-----------------------------------|---------------------------------------|
| Minimum Bend Radius, loaded       | 182 mm   7.165 in                     |
| Minimum Bend Radius, unloaded     | 121 mm   4.764 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                              | 25 cycles                             |
| Flex Test Method                  | FOTP-104   IEC 60794-1 E6             |
| Impact                            | 2.94 N-m   26.021 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            | 288 m   944.882 ft                    |

Optical Specifications

|            |                        |
|------------|------------------------|
| Fiber Type | G.657.A2   G.657.A2/B2 |
|------------|------------------------|

Environmental Specifications

|                          |                                    |
|--------------------------|------------------------------------|
| Installation temperature | 0 °C to +50 °C (+32 °F to +122 °F) |
| Operating Temperature    | 0 °C to +60 °C (+32 °F to +140 °F) |

# 760251077 | N-096-MP-8G1-F16YL/30T/B2

|                                              |                                                       |
|----------------------------------------------|-------------------------------------------------------|
| Storage Temperature                          | -40 °C to +60 °C (-40 °F to +140 °F)                  |
| Cable Qualification Standards                | ANSI/ICEA S-83-596   Telcordia GR-409                 |
| EN50575 CPR Cable EuroClass Fire Performance | B2ca                                                  |
| EN50575 CPR Cable EuroClass Smoke Rating     | s1a                                                   |
| EN50575 CPR Cable EuroClass Droplets Rating  | d2                                                    |
| EN50575 CPR Cable EuroClass Acidity Rating   | a1                                                    |
| Environmental Space                          | Dual Rated LSZH/Riser   Low Smoke Zero Halogen (LSZH) |
| Flame Test Listing                           | NEC OFNR-ST1 (ETL) and c(ETL)                         |
| Flame Test Method                            | IEC 60754-2   IEC 61034-2   UL 1666   UL 1685         |

## Environmental Test Specifications

|                               |                                    |
|-------------------------------|------------------------------------|
| Heat Age                      | 0 °C to +85 °C (+32 °F to +185 °F) |
| Heat Age Test Method          | IEC 60794-1 F9                     |
| Low High Bend                 | 0 °C to +50 °C (+32 °F to +122 °F) |
| Low High Bend Test Method     | FOTP-37   IEC 60794-1 E11          |
| Temperature Cycle             | 0 °C to +60 °C (+32 °F to +140 °F) |
| Temperature Cycle Test Method | FOTP-3   IEC 60794-1 F1            |

## Packaging and Weights

|              |                          |
|--------------|--------------------------|
| Cable weight | 142 kg/km   95.42 lb/kft |
|--------------|--------------------------|

### \* Footnotes

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