

# ULGLUUCRF

Base Product

Ultra Low Loss (ULL) Singlemode LC/UPC Uniboot to Unconnectorized Ruggedized fanout Cable, 24-Fiber, Rollable Ribbon, Plenum

## Product Classification

Regional Availability	Asia   Australia/New Zealand   Europe   Latin America   Middle East /Africa   North America
Portfolio	CommScope®
Product Type	Ruggedized fanout
Product Brand	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

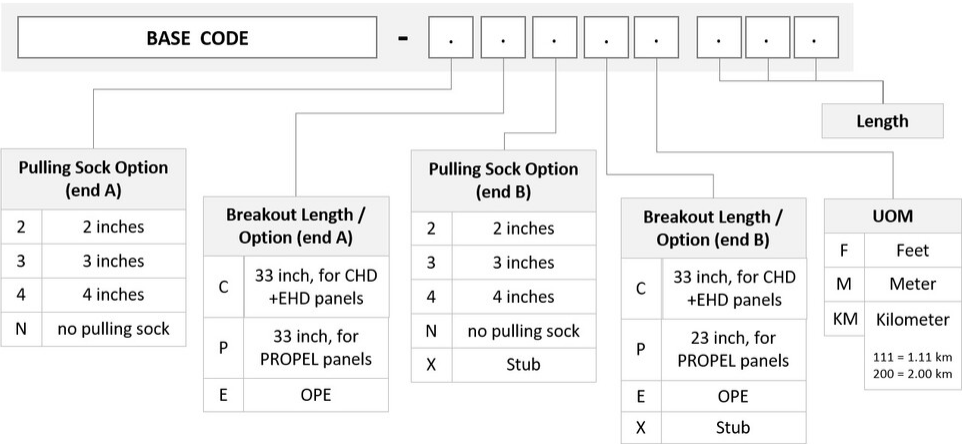
## General Specifications

Color, boot A	Blue
Color, connector A	Green
Construction Type	Rollable ribbon
Furcation Color	Yellow
Interface, Connector A	LC/UPC
Interface Feature, connector A	Uniboot
Interface, Connector B	Unterminated
Jacket Color	Yellow
Total Fibers, quantity	24

## Dimensions

Cable Assembly Length Range (ft)	150 – 650
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## Ordering Tree



Optical Specifications

Fiber Mode	Singlemode
Fiber Type	G.657.A2, TeraSPEED®

Environmental Specifications

Operating Temperature	-10 °C to +60 °C (+14 °F to +140 °F)
Environmental Space	Indoor   Plenum

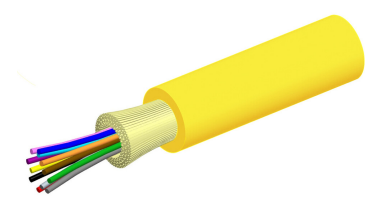
Regulatory Compliance/Certifications

Agency	Classification
ANATEL	Compliant
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



Included Products

760251512	Indoor Plenum Rollable Ribbon Backbone Cable
P-024-MP-RR-F12YL/8G1/99N	
860658160	LC/UPC Uniboot Connector, Singlemode, Blue



Indoor Plenum Rollable Ribbon Backbone 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-MP

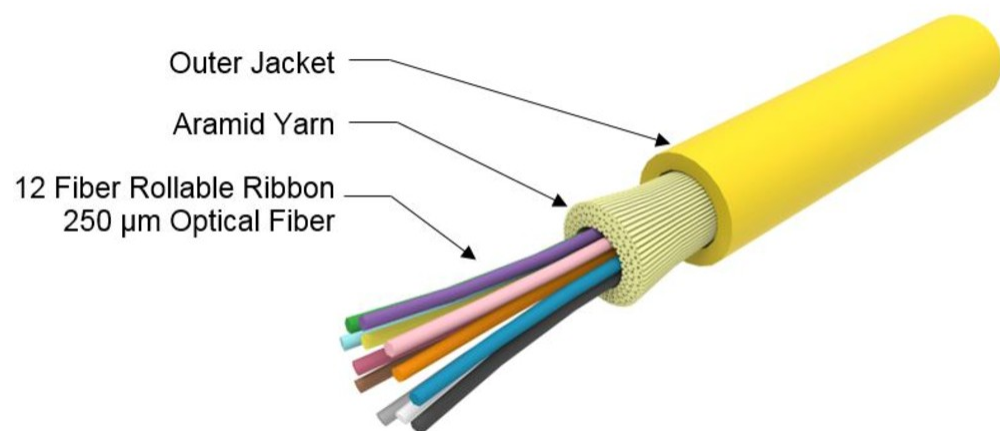
General Specifications

Cable Type	Cordage
Construction Type	Non-armored
Subunit Type	Gel-free
Fibers per Ribbon, quantity	12
Jacket Color	Yellow
Jacket Marking	Feet
Subunit, quantity	1
Fibers per Subunit, quantity	24
Total Fiber Count	24

Dimensions

Buffer Tube/Subunit Diameter	3.8 mm   0.15 in
Diameter Over Jacket	5.4 mm   0.213 in

Representative Image



## Mechanical Specifications

Minimum Bend Radius, loaded	108 mm   4.252 in
Minimum Bend Radius, unloaded	43 mm   1.693 in
Tensile Load, long term, maximum	198 N   44.512 lbf
Tensile Load, short term, maximum	660 N   148.374 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

## Optical Specifications

Fiber Type	G.657.A2/B2   G.657.A2/B2
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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-104-696   ANSI/ICEA S-83-596   Telcordia GR-409
Environmental Space	Plenum
Flame Test Listing	NEC OFNP (UL) and c(UL)

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 +60 °C (+32 °F to +140 °F)
Low High Bend Test Method	FOTP-37   IEC 60794-1 E11
Temperature Cycle	0 °C to +70 °C (+32 °F to +158 °F)
Temperature Cycle Test Method	FOTP-3   IEC 60794-1 F1

Packaging and Weights

Cable weight	32.8 kg/km   22.041 lb/kft
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Regulatory Compliance/Certifications

Agency	Classification
CHINA-ROHS	Below maximum concentration value
REACH-SVHC	Compliant as per SVHC revision on <a href="https://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



LC/UPC Uniboot Connector, Singlemode, Blue

Product Classification

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

General Specifications

Color, boot	Blue
Color, housing	Blue
Interface	LC/UPC

Dimensions

Length	64 mm   2.52 in
Compatible Cable Diameter	1.6 mm   0.063 in   2 mm   0.079 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	Singlemode
Insertion Loss Change, mating	0.2 dB
Optical Components Standard	ANSI/TIA-568. 3-D   IEC 61753-1
Insertion Loss Change, temperature	0.2 dB
Insertion Loss, ULL, maximum	0.25 dB
Return Loss, minimum	55 dB

Regulatory Compliance/Certifications

Agency	Classification
CHINA-ROHS	Above maximum concentration value
ROHS	Compliant/Exempted
UK-ROHS	Compliant/Exempted



\* Footnotes

<b>Insertion Loss Change, mating</b>	TIA-568: Maximum insertion loss change after 500 matings
<b>Insertion Loss Change, temperature</b>	Maximum insertion loss change from -10 °C to +60 °C (+14 °F to +140 °F)