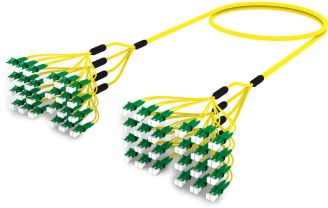


# U4GLALACH

## Base Product



Ultra Low Loss ULL TeraSPEED® LC/APC to LC/APC Ruggedized fanout Cable, 48-Fiber, LSZH, 12 fiber PmP 2.0 mm /B2ca

## Product Classification

<b>Regional Availability</b>	Asia   Australia/New Zealand   Europe   Latin America   Middle East/Africa   North America
<b>Portfolio</b>	CommScope®
<b>Product Type</b>	Ruggedized fanout
<b>Product Brand</b>	SYSTIMAX ULL
<b>Ordering Note</b>	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

<b>Color, boot A</b>	Green
<b>Color, connector A</b>	Green
<b>Color, boot B</b>	Green
<b>Color, connector B</b>	Green
<b>Construction Type</b>	Stranded
<b>Furcation Color</b>	Yellow
<b>Interface, Connector A</b>	LC/APC
<b>Interface Feature, connector A</b>	ULL
<b>Interface, Connector B</b>	LC/APC
<b>Interface Feature, connector B</b>	ULL
<b>Jacket Color</b>	Yellow
<b>Fibers per Subunit, quantity</b>	12
<b>Total Fibers, quantity</b>	48

## Dimensions

<b>Cable Assembly Length Range (m)</b>	3 – 305
<b>Cable Assembly Length Range (ft)</b>	10 – 999

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## Ordering Tree



## 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
ANATEL	Compliant
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system

# U4GLALACH

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## Included Products

- 760249608  
N-048-MP-8G1-F12YL/20T/B2 – Fiber indoor cable, Low Smoke Zero Halogen Riser MPO Trunk, 48 fiber with 2.0 mm Subunits, Singlemode G.657.A2/B2, Feet jacket marking, Yellow jacket color, B2ca flame rating

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Fiber indoor cable, Low Smoke Zero Halogen Riser MPO Trunk, 48 fiber with 2.0 mm Subunits, Singlemode G.657.A2/B2, Feet jacket marking, Yellow jacket color, B2ca flame rating

## Product Classification

<b>Regional Availability</b>	Asia   Australia/New Zealand   EMEA
<b>Portfolio</b>	CommScope®
<b>Product Type</b>	Fiber indoor cable
<b>Product Series</b>	N-MP

## General Specifications

<b>Cable Type</b>	MPO trunk cable
<b>Construction Type</b>	Non-armored
<b>Subunit Type</b>	Gel-free
<b>Jacket Color</b>	Yellow
<b>Jacket Marking</b>	Feet
<b>Subunit, quantity</b>	4
<b>Fibers per Subunit, quantity</b>	12
<b>Total Fiber Count</b>	48

## Dimensions

<b>Buffer Tube/Subunit Diameter</b>	2 mm   0.079 in
<b>Diameter Over Jacket</b>	7.8 mm   0.307 in

## Representative Image



## Mechanical Specifications

<b>Minimum Bend Radius, loaded</b>	116 mm   4.567 in
<b>Minimum Bend Radius, unloaded</b>	78 mm   3.071 in
<b>Tensile Load, long term, maximum</b>	200 N   44.962 lbf
<b>Tensile Load, short term, maximum</b>	667 N   149.948 lbf
<b>Compression</b>	10 N/mm   57.101 lb/in
<b>Compression Test Method</b>	FOTP-41   IEC 60794-1 E3
<b>Flex</b>	25 cycles
<b>Flex Test Method</b>	FOTP-104   IEC 60794-1 E6
<b>Impact</b>	2.94 N-m   26.021 in lb
<b>Impact Test Method</b>	FOTP-25   IEC 60794-1 E4
<b>Strain</b>	See long and short term tensile loads
<b>Strain Test Method</b>	FOTP-33   IEC 60794-1 E1
<b>Twist</b>	10 cycles
<b>Twist Test Method</b>	FOTP-85   IEC 60794-1 E7
<b>Vertical Rise, maximum</b>	336 m   1,102.362 ft

## Optical Specifications

<b>Fiber Type</b>	G.657.A2/B2   OS2
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## Environmental Specifications

<b>Installation temperature</b>	0 °C to +60 °C (+32 °F to +140 °F)
<b>Operating Temperature</b>	0 °C to +70 °C (+32 °F to +158 °F)

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<b>Storage Temperature</b>	-40 °C to +70 °C (-40 °F to +158 °F)
<b>Cable Qualification Standards</b>	ANSI/ICEA S-83-596   Telcordia GR-409
<b>EN50575 CPR Cable EuroClass Fire Performance</b>	B2ca
<b>EN50575 CPR Cable EuroClass Smoke Rating</b>	s1a
<b>EN50575 CPR Cable EuroClass Droplets Rating</b>	d0
<b>EN50575 CPR Cable EuroClass Acidity Rating</b>	a1
<b>Environmental Space</b>	Low Smoke Zero Halogen (LSZH)
<b>Flame Test Method</b>	IEC 60332-3   IEC 60754-2   IEC 61034-2

## Environmental Test Specifications

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

## Packaging and Weights

<b>Cable weight</b>	60.8 kg/km   40.856 lb/kft
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## \* Footnotes

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