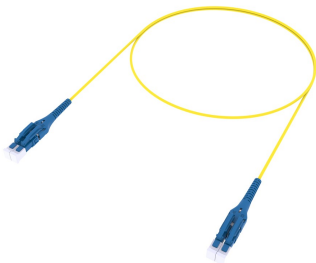# UDGLULUK2

Base Product

Ultra Low Loss Singlemode, LC/UPC Uniboot to LC/UPC Uniboot, 1.5 mm Duplex Fiber Patch Cord, Plenum

- Patch cords using Uniboot technology combine, modularity, flexibility with easy insertion and removal from connectivity
- Uniboot connectors feature an adjustable polarity via a manual and independent rotation of each single connector body without exposing the fibers
- Uniboot technology features a push-pull mechanism operated by squeezing the connector boot

Product Classification

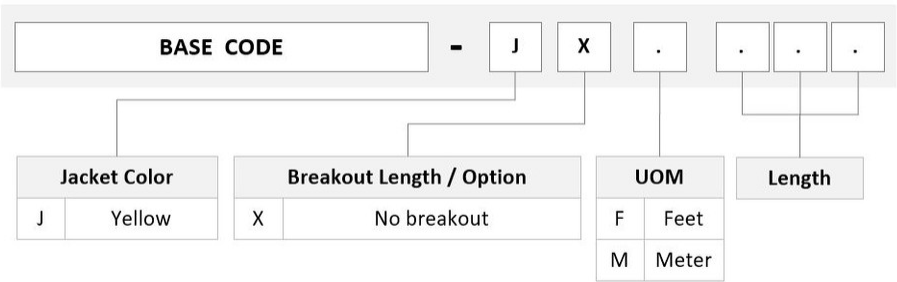|	
Regional Availability	Asia | Australia/New Zealand | Europe | Latin America | Middle East /Africa | North America
Portfolio	CommScope®
Product Type	Fiber patch cord, duplex
Product Brand	SYSTIMAX ULL
Product Series	UDG
Ordering Note	For lengths greater than 999 ft (304 m), orders must be in meters | Minimum length may vary based on cable configuration

General Specifications

Color, connector A	Blue
Color, connector B	Blue
Interface, Connector A	LC/UPC
Interface Feature, connector A	Uniboot
Interface, Connector B	LC/UPC
Interface Feature, connector B	Uniboot
Jacket Color	Yellow
Total Fibers, quantity	2

Dimensions

Cable Assembly Length Range (m)	1 – 999
Cable Assembly Length Range (ft)	1 – 999
Diameter Over Jacket	1.5 mm | 0.059 in

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UDGLULUK2

Ordering Tree

BASE CODE	-	J	X	.	.	.	.

Jacket Color		Breakout Length / Option		UOM		Length
J	Yellow	X	No breakout	F	Feet	
				M	Meter	

Mechanical Specifications

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

Optical Specifications

Fiber Mode	Singlemode
Fiber Type	G.657.A2, TeraSPEED®
Insertion Loss, maximum	0.25 dB
Return Loss, minimum	50 dB

Environmental Specifications

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

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

Included Products

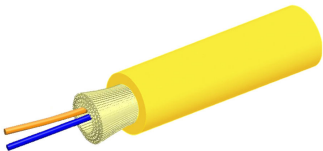|		
760251282 P-002-DU-8G1-M15YL/AY/LTS	–	Fiber indoor cable, LazrSPEED® Plenum Light Duty Interconnect Cordage, 2 fiber, Multimode OM5, Meters jacket marking, Yellow jacket color

COMMSCOPE®

860660826   –   LC UniBoot 1.5 mm Single mode Blue LC/UPC UNIBOOT duplex connector

COMMSCOPE®

760251282 | P-002-DU-8G1-M15YL/AY/LTS

Fiber indoor cable, LazrSPEED® Plenum Light Duty Interconnect Cordage, 2 fiber, Multimode OM5, Meters jacket marking, Yellow jacket color

Product Classification

Regional Availability	Australia/New Zealand	EMEA	Latin America	Middle East/Africa	North America
Portfolio	CommScope®
Product Type	Fiber indoor cable
Product Series	P-DU

General Specifications

Cable Type	MPO trunk cable
Construction Type	Non-armored
Subunit Type	Gel-free
Jacket Color	Yellow
Jacket Marking	Meters
Total Fiber Count	2

Dimensions

Diameter Over Jacket	1.5 mm	0.059 in

Representative Image

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PVC Outer Jacket

Aramid Yarn

250 µm Optical Fiber
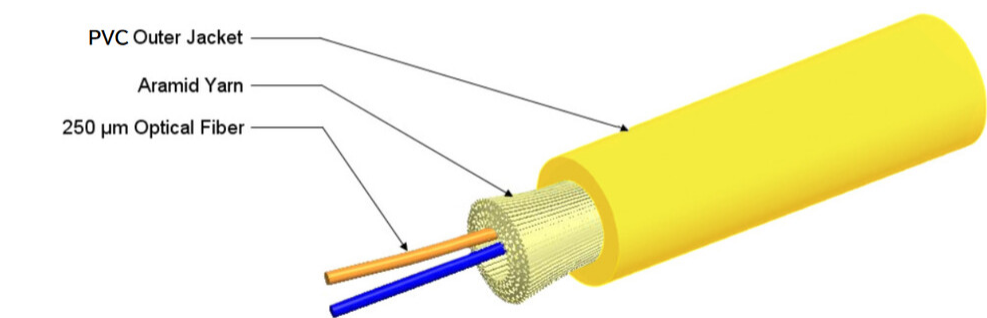
Mechanical Specifications

Minimum Bend Radius, loaded	30 mm | 1.181 in
Minimum Bend Radius, unloaded	20 mm | 0.787 in
Tensile Load, long term, maximum	30 N | 6.744 lbf
Tensile Load, short term, maximum	100 N | 22.481 lbf
Compression	4 N/mm | 22.841 lb/in
Compression Test Method	FOTP-41 | IEC 60794-1 E3
Impact	0.74 N-m | 6.55 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	OM5, LazrSPEED® wideband

Environmental Specifications

Installation temperature	0 °C to +70 °C (+32 °F to +158 °F)
Operating Temperature	0 °C to +70 °C (+32 °F to +158 °F)
Storage Temperature	-40 °C to +70 °C (-40 °F to +158 °F)

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760251282 | P-002-DU-8G1-M15YL/AY/LTS

Cable Qualification Standards	Telcordia GR-409
Environmental Space	Plenum
Flame Test Listing	NEC OFNP (ETL) and c(ETL)
Flame Test Method	NFPA 130	NFPA 262

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 +70 °C (+32 °F to +158 °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	2.2 kg/km	1.478 lb/kft

Regulatory Compliance/Certifications

Agency	Classification
CHINA-ROHS	Below maximum concentration value
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

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860660826
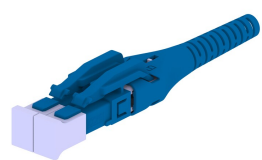
LC UniBoot 1.5 mm Single mode Blue LC/UPC UNIBOOT duplex connector

Product Classification

Regional Availability	Asia | Australia/New Zealand | EMEA | Latin America | North America
Portfolio	CommScope®
Product Type	Fiber connector
Product Brand	SYSTIMAX ULL | TeraSPEED®
Product Series	Uniboot

General Specifications

Body Style	Duplex
Color	Blue
Interface	LC/UPC
Interface Feature	Uniboot

Dimensions

Compatible Cable Diameter	1.5 mm | 0.059 in

Material Specifications

Ferrule Material	Zirconia

Mechanical Specifications

Cable Retention Strength, maximum	11.24 lb @ 0 ° | 4.40 lb @ 90 °
Mechanical Components Standard	IEC 61754-7

Optical Specifications

Fiber Mode	Singlemode
Fiber Type	G.652.D | G.657.A2 | OS2
Insertion Loss Change, mating	0.25 dB
Optical Components Standard	ANSI/TIA-568-C.3

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Insertion Loss, ULL, maximum	0.25 dB
Insertion Loss, ULL, typical	0.2 dB
Return Loss, minimum	50 dB

Packaging and Weights

Packaging quantity	1

* Footnotes

Insertion Loss Change, mating   TIA-568: Maximum insertion loss change after 500 matings

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