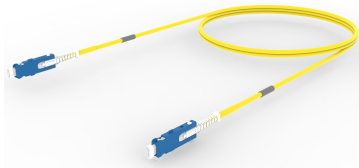


UDGSNSNK2

Base Product



Ultra Low Loss (ULL) Singlemode, SN/UPC to SN/UPC, 2-Fiber, Ruggedized Fanout Cable Plenum

Product Classification

Regional Availability	Asia Australia/New Zealand China EMEA Europe India Latin America North America
Portfolio	CommScope®
Product Type	Ruggedized fanout
Product Brand	SYSTIMAX ULL
Product Series	UDG
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	Blue
Color, boot B	Blue
Color, connector B	Blue
Construction Type	Stranded
Interface, Connector A	SN/UPC
Interface Feature, connector A	ULL
Interface, Connector B	SN/UPC
Interface Feature, connector B	ULL
Jacket Color	Yellow
Polarity	Method B Enhanced
Total Fibers, quantity	2

Dimensions

Cable Assembly Length Range (m)	1 – 61
Cable Assembly Length Range (ft)	2 – 200

UDGSNSNK2

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®

Environmental Specifications

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

Environmental Space Plenum

Included Products

- 460201084 – Fiber Optic Connector, SN/UPC for 1.6 mm cable
- 760251282 – Fiber indoor cable, LazrSPEED® Plenum Light Duty Interconnect Cordage, 2 fiber, Multimode OM5, Meters jacket marking, Yellow jacket color
- P-002-DU-8G1-M15YL/AY/LTS

460201084



Fiber Optic Connector, SN/UPC for 1.6 mm cable

Product Classification

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

General Specifications

Color, boot	Black
Color, housing	Navy blue
Interface	SN/UPC

Dimensions

Length	50.9 mm 2.004 in
Compatible Cable Diameter	1.5 mm 0.059 in 1.6 mm 0.063 in

Material Specifications

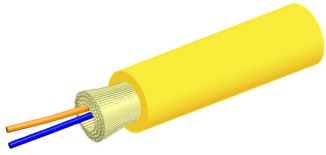
Ferrule Material	Zirconia
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Mechanical Specifications

Cable Retention Strength, maximum	11.24 lb @ 0 °
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Optical Specifications

Fiber Mode	Singlemode
Fiber Type	G.657.A2
Optical Components Standard	ANSI/TIA-568. 3-D IEC 61753-1
Insertion Loss, maximum	0.25 dB
Return Loss, minimum	50 dB



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

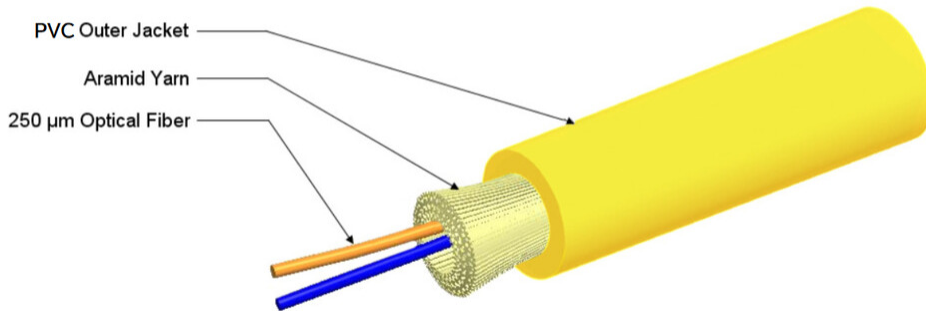
General Specifications

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
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Representative Image



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
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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)

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
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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