



Fiber Indoor Cable, LazrSPEED® 1.8 mm Low Smoke Zero Halogen Riser, 2-fiber Zipcord, Multimode OM4, Meter jacket marking, Aqua jacket color

## Product Classification

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

## General Specifications

<b>Cable Type</b>	Cordage
<b>Construction Type</b>	Non-armored
<b>Subunit Type</b>	Gel-free
<b>Jacket Color</b>	Aqua
<b>Jacket Marking</b>	Meters
<b>Total Fiber Count</b>	2

## Dimensions

<b>Height Over Jacket</b>	1.8 mm   0.071 in
<b>Width Over Jacket</b>	3.8 mm   0.15 in

## Mechanical Specifications

<b>Minimum Bend Radius, loaded</b>	60 mm   2.362 in
<b>Minimum Bend Radius, unloaded</b>	30 mm   1.181 in
<b>Tensile Load, long term, maximum</b>	70 N   15.737 lbf
<b>Tensile Load, short term, maximum</b>	178 N   40.016 lbf
<b>Compression</b>	5 N/mm   28.551 lb/in
<b>Compression Test Method</b>	FOTP-41   IEC 60794-1 E3

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<b>Flex</b>	300 cycles
<b>Flex Test Method</b>	FOTP-104   IEC 60794-1 E6
<b>Impact</b>	0.74 N-m   6.55 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>	25 cycles
<b>Twist Test Method</b>	FOTP-85   IEC 60794-1 E7
<b>Vertical Rise, maximum</b>	500 m   1,640.42 ft

## Optical Specifications

<b>Fiber Type</b>	OM4, LazrSPEED® 550
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## Environmental Specifications

<b>Installation temperature</b>	-20 °C to +60 °C (-4 °F to +140 °F)
<b>Operating Temperature</b>	-20 °C to +70 °C (-4 °F to +158 °F)
<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>Environmental Space</b>	Low Smoke Zero Halogen (LSZH)   Riser

## Environmental Test Specifications

<b>Heat Age</b>	-20 °C to +85 °C (-4 °F to +185 °F)
<b>Heat Age Test Method</b>	IEC 60794-1 F9
<b>Low High Bend</b>	-20 °C to +70 °C (-4 °F to +158 °F)
<b>Low High Bend Test Method</b>	FOTP-37   IEC 60794-1 E11
<b>Temperature Cycle</b>	-20 °C to +70 °C (-4 °F to +158 °F)
<b>Temperature Cycle Test Method</b>	FOTP-3   IEC 60794-1 F1

## Packaging and Weights

<b>Cable weight</b>	4.8 kg/km   3.225 lb/kft
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## Included Products

CS-5K-TB	– LazrSPEED® 550 OM4 Bend-Insensitive Multimode Fiber
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\* Footnotes

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