



Fiber Indoor/Outdoor cable, TeraSPEED®, 120 min Fire Survival, Low Smoke Zero Halogen (LSZH), 6 fiber, Gel-Filled, Central Loose Tube, Singlemode G.652.D and G.657.A1, Meters jacket marking, Black jacket color. Provides Rodent Resistance.

## Product Classification

Regional Availability	Asia   Australia/New Zealand   Middle East/Africa
Portfolio	CommScope®
Product Type	Fiber indoor/outdoor cable
Product Series	C-L2

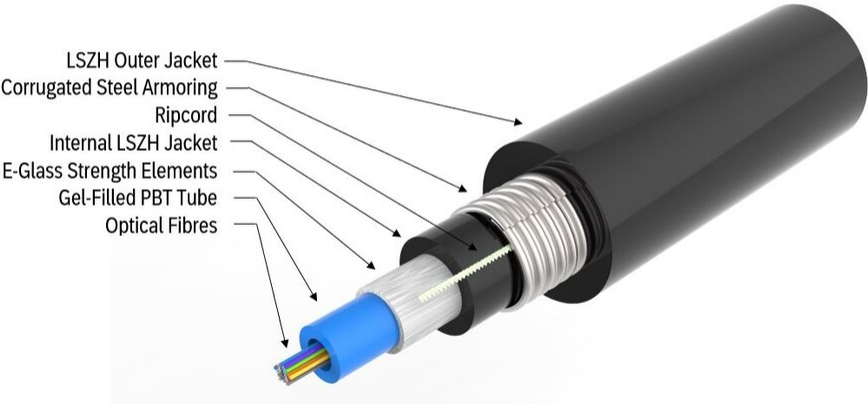
## General Specifications

Armor Type	Corrugated steel
Cable Type	Central loose tube
Construction Type	Armored
Subunit Type	Gel-filled
Jacket Color	Black
Jacket Marking	Meters
Jacket Marking Method	Inkjet
Subunit, quantity	1
Fibers per Subunit, quantity	6
Total Fiber Count	6

## Dimensions

Buffer Tube/Subunit Diameter	4 mm   0.157 in
Diameter Over Jacket	12.7 mm   0.5 in

## Representative Image



Mechanical Specifications

Minimum Bend Radius, loaded	255 mm   10.039 in
Minimum Bend Radius, unloaded	180 mm   7.087 in
Tensile Load, long term, maximum	400 N   89.924 lbf
Tensile Load, short term, maximum	1400 N   314.733 lbf
Compression	30 N/mm   171.304 lb/in
Compression Test Method	IEC 60794-1 E3
Impact	10 N-m   88.507 in lb
Impact Test Method	IEC 60794-1 E4
Strain	See long and short term tensile loads
Strain Test Method	IEC 60794-1 E1
Twist	5 cycles
Twist Test Method	IEC 60794-1 E7

Optical Specifications

Fiber Type	G.652.D and G.657.A1, TeraSPEED®
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Environmental Specifications

Operating Temperature	-20 °C to +70 °C (-4 °F to +158 °F)
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Storage Temperature	-33 °C to +40 °C (-27.4 °F to +104 °F)
Cable Qualification Standards	EN 187105   IEC 60794-1-2
Environmental Space	Aerial, lashed   Buried   Low Smoke Zero Halogen (LSZH)
Flame Test Method	IEC 60331-25
Jacket UV Resistance	UV stabilized
Water Penetration	24 h
Water Penetration Test Method	IEC 60794-1 F5

Environmental Test Specifications

Low High Bend Test Method	IEC 60794-1 E11
Temperature Cycle	-20 °C to +70 °C (-4 °F to +158 °F)
Temperature Cycle Test Method	IEC 60794-1 F1

Packaging and Weights

Cable weight	216 kg/km   145.145 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="http://www.commscope.com/ProductCompliance">www.commscope.com/ProductCompliance</a>
ROHS	Compliant
UK-ROHS	Compliant



Included Products

CS-8W-250-EMEA – LightScope® ZWP Singlemode Fiber  
8W-250um

\* Footnotes

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