



Fiber indoor/outdoor cable, LightScope ZWP®, 2 fiber, office distribution, Singlemode G.652.D and G.657.A1, ULSZH, Meters jacket marking, Yellow jacket color, Cca flame rating. Provides Rodent Resistance

- designed to offer flexibility, strength and compact construction for internal and interbuilding use
- non-metallic construction reinforced by E-glass yarns, which provide rodent resistance and higher tensile strength
- oversheathed with a ULSZH jacket meeting IEC fire performance requirements

OBSOLETE

This product was discontinued on: March 31, 2023

Product Classification

Regional Availability	Asia EMEA
Portfolio	CommScope®
Product Type	Fiber indoor/outdoor cable
Product Series	C-DS

General Specifications

Cable Type	Tight buffer
Jacket Color	Yellow
Jacket Marking	Meters
Strength Members	E-glass yarns
Fibers per Subunit, quantity	2
Total Fiber Count	2

Dimensions

Diameter Over Jacket	5.2 mm 0.205 in
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Mechanical Specifications

Minimum Bend Radius, loaded	130 mm 5.118 in
Minimum Bend Radius, unloaded	80 mm 3.15 in
Tensile Load, short term, maximum	1000 N 224.809 lbf

810009880/DB | C-002-DS-8W-MSUYL/GY/C

Cable Crush Resistance, maximum 20 N/mm | 114.203 lb/in

Optical Specifications

Fiber Type OS2

Optical Specifications, Wavelength Specific

Standards Compliance IEC 60794-1 | TIA-492CAAB (OS2)

Environmental Specifications

Installation temperature -5 °C to +50 °C (+23 °F to +122 °F)

Operating Temperature -20 °C to +60 °C (-4 °F to +140 °F)

Storage Temperature -20 °C to +60 °C (-4 °F to +140 °F)

EN50575 CPR Cable EuroClass Fire Performance Cca

EN50575 CPR Cable EuroClass Smoke Rating s2

EN50575 CPR Cable EuroClass Droplets Rating d1

EN50575 CPR Cable EuroClass Acidity Rating a1

Environmental Space Universal Low Smoke Zero Halogen (ULSZH)

Packaging and Weights

Cable weight 32 kg/km | 21.503 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



Included Products

DB-8W-TB – LightScope ZWP® Singlemode Fiber

* Footnotes

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Operating Temperature Specification applicable to non-terminated bulk fiber cable