

Indoor/Outdoor Low Smoke Zero Halogen, TeraSPEED® Tight Buffered Office DistributionFiber Fiber Optic Cable, 24 fiber, Singlemode OS1a, black. 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

Product Classification

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

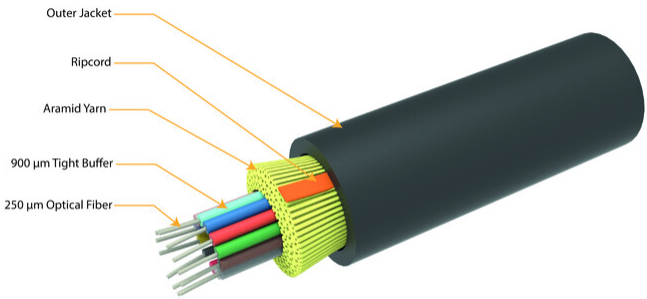
General Specifications

| | |
|-----------------------|--|
| Cable Type | Tight buffer |
| Jacket Color | Black |
| Jacket Marking | Meters |
| Jacket Marking Method | Inkjet |
| Jacket Marking Text | COMMScope GB OPTICAL CABLE 760254805 24x9/125 OS1a ULSZH [BATCH NUMBER] [METRE MARK] |
| Strength Members | E-glass yarns |
| Total Fiber Count | 24 |

Dimensions

| | |
|----------------------|-------------------|
| Diameter Over Jacket | 9.5 mm 0.374 in |
|----------------------|-------------------|

Representative Image



Mechanical Specifications

| | |
|-----------------------------------|-------------------------|
| Minimum Bend Radius, loaded | 240 mm 9.449 in |
| Minimum Bend Radius, unloaded | 150 mm 5.906 in |
| Tensile Load, short term, maximum | 2000 N 449.618 lbf |
| 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 | Low Smoke Zero Halogen (LSZH) |

Packaging and Weights

Cable weight92 kg/km | 61.821 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

Operating Temperature Specification applicable to non-terminated bulk fiber cable