



Indoor/Outdoor Low Smoke Zero Halogen, TeraSPEED® Central Loose Tube Fiber Optic Cable, 6-fiber, Singlemode OS2, Gel-free, black

Product Classification

Regional Availability	Asia Australia/New Zealand EMEA
Portfolio	CommScope®
Product Type	Fiber indoor/outdoor cable
Product Series	C-CN

General Specifications

Cable Type	Loose tube
Subunit Type	Gel-free
Jacket Color	Black
Jacket Marking	Meters
Fibers per Subunit, quantity	8
Total Fiber Count	8

Dimensions

Cable Length	2000 m 6,561.68 ft
Diameter Over Jacket	6.4 mm 0.252 in

Mechanical Specifications

Minimum Bend Radius, loaded	139.7 mm 5.5 in
Minimum Bend Radius, unloaded	129.5 mm 5.098 in
Tensile Load, long term, maximum	400 N 89.924 lbf
Tensile Load, short term, maximum	500 N 112.405 lbf

Optical Specifications

Fiber Type	OS2
-------------------	-----

Optical Specifications, Wavelength Specific

Attenuation, maximum	0.35 dB/km @ 1,300 nm 0.35 dB/km @ 1,550 nm 0.45 dB/km @
-----------------------------	--

1,310 nm

Standards Compliance

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

Environmental Specifications

Installation temperature

-5 °C to +50 °C (+23 °F to +122 °F)

Operating Temperature

-10 °C to +60 °C (+14 °F to +140 °F)

Storage Temperature

-10 °C to +60 °C (+14 °F to +140 °F)

EN50575 CPR Cable EuroClass Fire Performance

Dca

EN50575 CPR Cable EuroClass Smoke Rating

s2

EN50575 CPR Cable EuroClass Droplets Rating

d2

EN50575 CPR Cable EuroClass Acidity Rating

a1

Environmental Space

Low Smoke Zero Halogen (LSZH) | Universal Low Smoke Zero Halogen (ULSZH)

Packaging and Weights

Cable weight

42 kg/km | 28.223 lb/kft

* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable