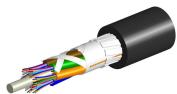
8-1427439-4



Indoor/Outdoor Fiber Optic Cable, 12-fiber, singlemode, OS2, LSZH, loose tube, gel-filled, cut length

OBSOLETE

This product was discontinued on: December 30, 2022

Replaced By:

760249711 Fiber indoor/outdoor cable, Gel-filled Central Tube, 12 fiber, Singlemode G.652.D and G.657.A1,

C-012-CN-8Z-M12BK/28G/093 Meters jacket marking, Black jacket color

Product Classification

Regional Availability Asia

Portfolio CommScope®

Product Type Fiber indoor/outdoor cable

Product Series C-LN

General Specifications

Cable TypeLoose tubeSubunit TypeGel-filledJacket ColorBlackJacket MarkingMetersFibers per Subunit, quantity12

Total Fiber Count 12

Dimensions

Buffer Tube/Subunit Diameter4.1 mm | 0.161 inDiameter Over Jacket8 mm | 0.315 in

Material Specifications

Jacket Material Low Smoke Zero Halogen (LSZH)

Mechanical Specifications

COMMSC PE®

8-1427439-4

Minimum Bend Radius, loaded160 mm | 6.299 inMinimum Bend Radius, unloaded80 mm | 3.15 in

Tensile Load, long term, maximum 800 N | 179.847 lbf

Tensile Load, short term, maximum 1800 N | 404.656 lbf

Compression 10 N/mm | 57.101 lb/in

Compression Test Method IEC 60794-1-2 E3

Optical Specifications

Fiber Type OS2

Optical Specifications, Wavelength Specific

Standards Compliance TIA-492CAAB (OS2)

Environmental Specifications

Installation temperature $-10 \,^{\circ}\text{C}$ to $+60 \,^{\circ}\text{C}$ (+14 $^{\circ}\text{F}$ to +140 $^{\circ}\text{F}$)

Operating Temperature $-20 \,^{\circ}\text{C}$ to $+70 \,^{\circ}\text{C}$ (-4 $^{\circ}\text{F}$ to +158 $^{\circ}\text{F}$)

Storage Temperature $-40 \,^{\circ}\text{C}$ to $+70 \,^{\circ}\text{C}$ (-40 $^{\circ}\text{F}$ to +158 $^{\circ}\text{F}$)

Environmental Space Low Smoke Zero Halogen (LSZH)

Packaging and Weights

Cable weight 73 kg/km | 49.054 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



* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable

