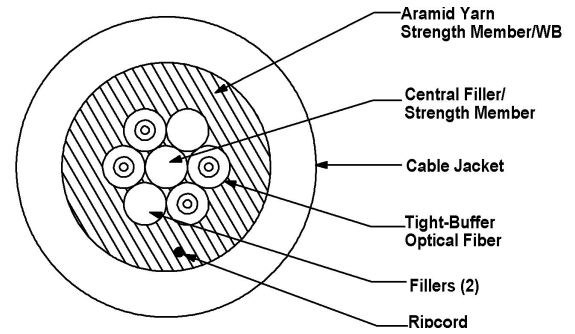


Part #: DX004KSLA9YP

4 CHANNEL
DX-Series Distribution – Chemical Resistant – Plenum
Rated Cables



Laser Ultra-Fox™ Fiber Performance	
Fiber Code	SLA
Industry Standard Designation	Bend Insensitive Low Water Peak Single Mode ITU-T G.657.A1 and ITU-T G.652.D
Core/Cladding Diameter (µm)	9/125
Wavelength (nm)	1310/1550
Maximum Cabled Attenuation (dB/km)	0.5/0.5
Primary Coating Diameter (µm)	245
Secondary Buffer Diameter (µm)	900
Zero Dispersion Slope (ps/nm ² -km)	0.092
Proof Test Level (kpsi)	100

Mechanical and Environmental	
Impact Resistance EIA/TIA-455-25A	1000 impacts (EIA/TIA-455-25A)
Crush Resistance TIA/EIA-455-41A	1500 N/cm (TIA/EIA-455-41A)
Flex Resistance	1000 cycles (TIA/EIA-455-104A)
Operating Temperature	-40°C to +85°C
Storage Temperature	-40°C to +85°C
Installation Temperature (actual temp. of cable)	0°C to +60°C
Flame Retardancy	UL Listed Type OFNP (ANSI/NFPA 262) and FT6 (CSA C22.2 No. 232)

Installation and Operating Characteristics		
	Installation	Operating
Max Tensile Load	1,400 N (310 lbs)	450 N (100 lbs)
Min Bend Radius	7.2 cm (2.8 in)	7.2 cm (2.8 in)

Cable Characteristics	
Jacket Color	
Jacket Material	Fluoropolymer
Buffer Material	Soft Plenum
Cable Weight	24 kg/km (16 lbs/1000')
Cable Diameter	4.8 mm (0.19 in)

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Standards

Optical Cable Corporation Indoor/Outdoor tight buffered fiber optic cables meet the functional requirements of the following standards:

- UL 1651
- ANSI/NFPA 262
- GR-409-CORE
- ICEA-S-104-696
- ICEA-S-83-596
- TIA-568
- TIA-598
- UL-listed type OFNP in accordance with NEC sections 770-179 (A) and 770-154 (A) for use in ducts, plenums, and air-handling spaces. Meets or exceeds requirements for intra-building fiber optic cables as outlined in GR-409-CORE.

Applications

- Used in trunking, LAN and distribution applications where small size, lightweight, and versatile installation capability are required for ducts, plenums, and air handling spaces
- Ideal configuration for a single termination point requiring multiple fibers
- Indoor/Outdoor plenum cables eliminate the need for costly cable transitions in different installation environments

Features

- UL Listed in accordance with NEC section 770.179(a) for use in ducts, plenums and air-handling spaces
- Fluoropolymer jacket
- 2 to 72 fibers
- Cable materials are Indoor/Outdoor UL-Listed OFNP and also UV, chemical, water and fungus resistant
- Jacket is highly chemical resistant for installation in harsh industrial environments
- High performance tight-buffered coating on each fiber for environmental and mechanical protection
- 900 µm buffer eliminates the need for costly and time-consuming installation of fanout kits or pigtail splices because connectors terminate directly to the fiber.
- Helically stranded core for flexibility, survival in difficult installations, and mechanical protection for the fibers
- High specific strength-to-weight ratio and compact cable design for limited conduit space and tight bends in long cable pulls
- High crush resistance may eliminate the need for innerduct
- Can be installed outside and in plenum or riser pathways inside, eliminating the need to transition cable types between environments
- Interlocking armor can be applied to cables as an alternative to conduit installation