

FHD-XX1K



DLX® Fiber Optic Drop Cable Assembly, DLX to DLX, 5 mm cable

- Hardened connectors are factory-terminated and environmentally sealed for use in optical drop cable deployments
- Hardened drop cables incorporate hardened connector technology that is designed to withstand the rugged outside plant environment
- Hardened drop cables simplify installation and maintenance by reducing splicing requirements in the distribution portion of the network

OBSOLETE

This product was discontinued on: July 31, 2024

Product Classification

| | |
|------------------------------|--|
| Regional Availability | Asia Australia/New Zealand EMEA Europe Latin America North America |
| Product Type | Fiber drop cable assembly |
| Product Series | FHD |

General Specifications

| | |
|-------------------------------|---------------------------------------|
| Cable Type | Dielectric - Round |
| Connector A, quantity | 1 |
| Color, boot A | Black |
| Color, connector A | Black |
| Connector B, quantity | 1 |
| Color, boot B | Black |
| Color, connector B | Black |
| Interface, Connector A | Hardened mini-size DLX |
| Interface, Connector B | Hardened mini-size DLX |
| Jacket Color | Black |
| Total Fibers, quantity | 1 |
| Transmission Standards | IEC 61753-1 IEC 61754-4 IEC 61755 |

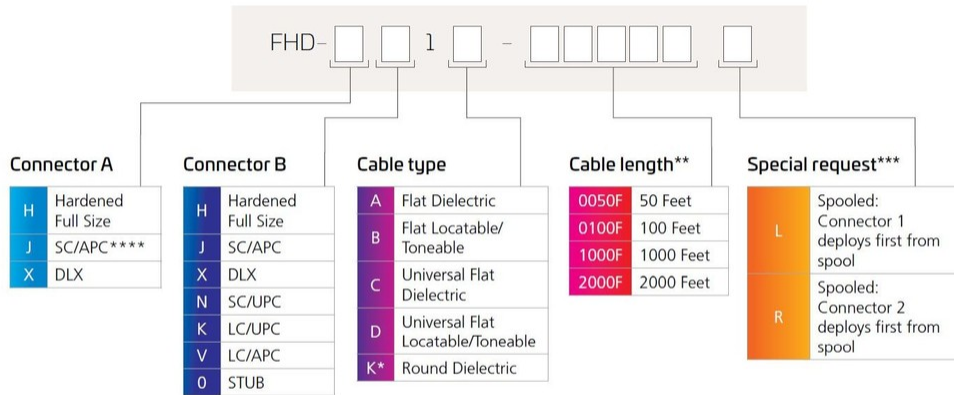
Dimensions

| | |
|--|---------|
| Cable Assembly Length Range (m) | 1 – 900 |
|--|---------|

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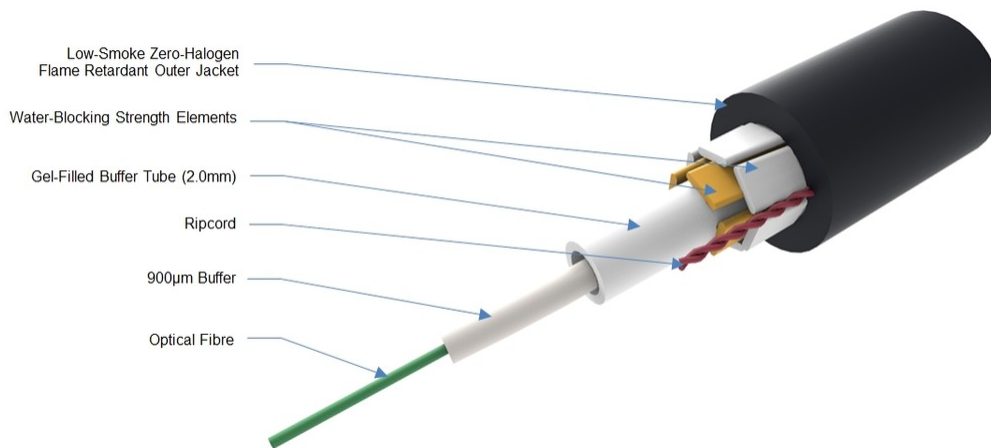
| | |
|---|------------------|
| Cable Assembly Length Range (ft) | 50 – 2000 |
| Cable Outer Diameter | 5.0 mm (0.20 in) |

Ordering Tree



* Cable Type K not available with LC & SC Options
 ** Cable Length shown as an example, additional cable lengths available upon request up to 2,000 ft. (600 m).
 *** Special Request Feature not available with cable types K.
 Drops are automatically coiled 0 to 1,000 ft. unless "L" or "R" is specified for this range of length.
 Drops are automatically spooled at 1,001 ft. with Connector B deploying first from spool. Add "L" to lengths over 1,001 ft. if Connector A needs to deploy first.
 **** Includes pulling sock - 25 lbs. of pulling force

Representative Image



Mechanical Specifications

| | |
|--|----------------------|
| Minimum Bend Radius, loaded | 75 mm 2.953 in |
| Minimum Bend Radius, unloaded | 25 mm 0.984 in |
| Tensile Load, long term, maximum | 300 N 67.443 lbf |
| Tensile Load, short term, maximum | 1200 N 269.771 lbf |

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Cable Crush Resistance, maximum 10 N/mm | 57.101 lb/in

Optical Specifications

| | |
|---|----------------------|
| Fiber Mode | Singlemode |
| Fiber Type | G.657.A2, TeraSPEED® |
| Insertion Loss, maximum, connector A | 0.4 dB |
| Insertion Loss, maximum, connector B | 0.4 dB |
| Insertion Loss, typical | 0.16 dB |
| Return Loss, minimum, connector A | 65 dB |
| Return Loss, minimum, connector B | 65 dB |

Environmental Specifications

| | |
|--------------------------------|--|
| Operating Temperature | -25 °C to +70 °C (-13 °F to +158 °F) |
| Storage Temperature | -40 °C to +70 °C (-40 °F to +158 °F) |
| Environmental Space | Outdoor |
| Jacket UV Resistance | UV stabilized |
| Qualification Standards | IEC 60793 IEC 60794 NEMA type 6, 10 ft waterhead |

Packaging and Weights

| | |
|---------------------------|--------------------------|
| Cable weight | 30 kg/km 20.159 lb/kft |
| Packaging quantity | 1 |

Regulatory Compliance/Certifications

| Agency | Classification |
|---------------|---|
| CHINA-ROHS | Above maximum concentration value |
| REACH-SVHC | Compliant as per SVHC revision on www.commscope.com/ProductCompliance |
| ROHS | Compliant/Exempted |
| UK-ROHS | Compliant/Exempted |

