

FHD-XJ1C



DLX® Fiber Optic Hardened Drop Cable Assembly, DLX-SC/APC, universal flat dielectric

- 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

Replaced By:

HCA-XL1C

Fiber Optic Drop Cable Assembly, PRODIGY™ Connector core with DLX Converter installed to SC/APC connector, USD Dielectric Cable

Product Classification

Regional Availability	Asia Australia/New Zealand EMEA Europe Latin America North America
Product Type	Fiber drop cable assembly
Product Brand	DLX®
Product Series	FHD
Ordering Note	Drops are automatically coiled 0 to 1,000 ft (305 m), unless spool option "L" or "R" is specified for this range of length Drops are automatically spooled at 1,001 ft (306 m) with connector B deploying first from spool

General Specifications

Cable Type	Dielectric - Universal Flat
Connector A, quantity	1
Color, boot A	Black
Color, connector A	Black
Connector B, quantity	1
Color, boot B	Green
Color, connector B	Green
Interface, Connector A	Hardened mini-size DLX
Interface, Connector B	SC/APC

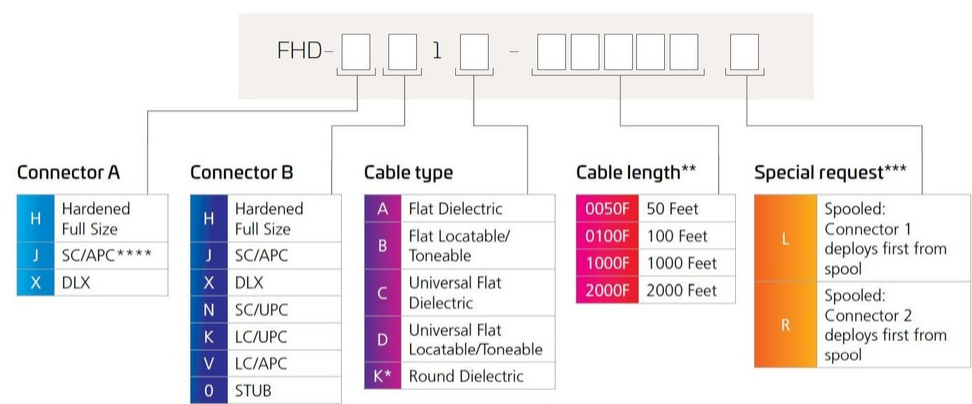
FHD-XJ1C

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
Cable Assembly Length Range (ft)	50 – 2000
Cable Outer Diameter	4.6 x 8.0 mm (0.18 x 0.31 in)

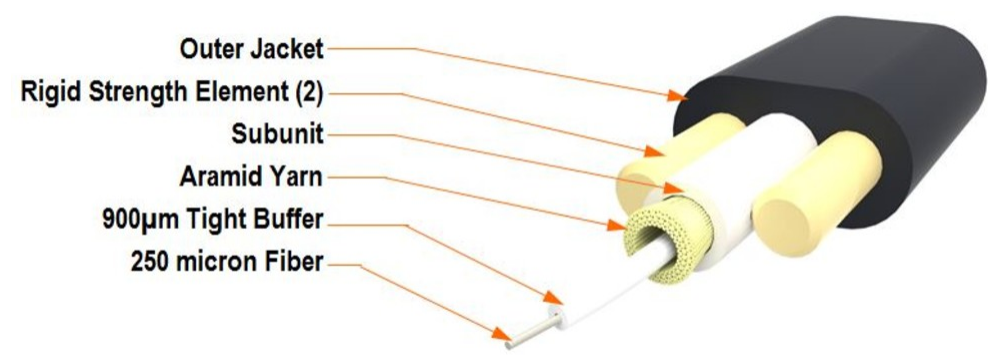
Ordering Tree



* 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

FHD-XJ1C



Mechanical Specifications

Minimum Bend Radius, loaded	92 mm 3.622 in
Minimum Bend Radius, unloaded	64 mm 2.52 in
Tensile Load, long term, maximum	400 N 89.924 lbf
Tensile Load, short term, maximum	1334 N 299.895 lbf
Cable Crush Resistance, maximum	22 N/mm 125.623 lb/in

Optical Specifications

Fiber Mode	Singlemode
Fiber Type	G.657.A2/B2
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

Installation temperature	-30 °C to +60 °C (-22 °F to +140 °F)
Operating Temperature	-40 °C to +70 °C (-40 °F to +158 °F)
Storage Temperature	-40 °C to +75 °C (-40 °F to +167 °F)
Environmental Space	Outdoor
Jacket UV Resistance	UV stabilized

FHD-XJ1C

Qualification Standards

NEMA type 6, 10 ft waterhead | Telcordia GR-20 | Telcordia GR-3120

Packaging and Weights

Cable weight

34 kg/km | 22.847 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

