## HCA-HO1K



# Fiber Optic Drop Cable Assembly, PRODIGY™w/Fullsize converter to stub, 5mm LSZH Round Cable

- Cable assembly with the Prodigy™ small form hardened connector
- Compact and small footprint, space-saving design for high-density environments
- Compatible with multiple hardened connectors

#### **Product Classification**

Regional Availability

Asia | EMEA | Latin America | North America

**Product Type** Fiber drop cable assembly

Product Brand PRODIGY™

Product Series HCA

General Specifications

Cable TypeDielectric - Round

Connector A, quantity

Color, boot A Black
Color, connector A Black

Interface, Connector A Prodigy® with full size converter installed

Interface, Connector B Unterminated

Jacket Color Black

Total Fibers, quantity

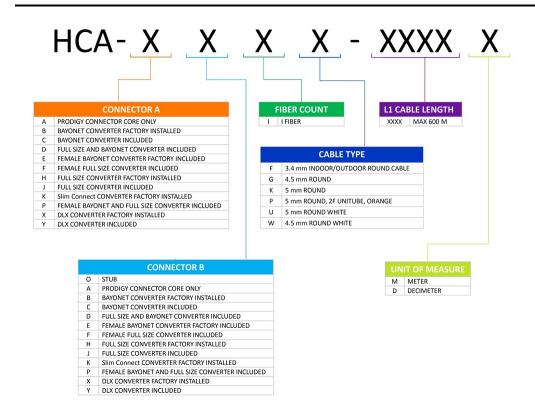
Dimensions

Cable Assembly Length Range (m) 3 - 609

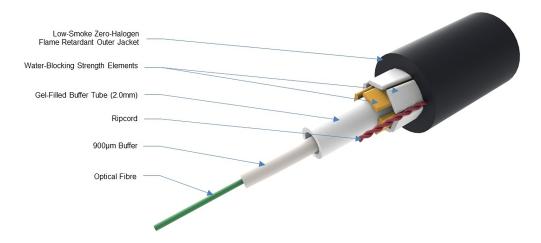
**Cable Outer Diameter** 5.0 mm (0.20 in)

Ordering Tree





### Representative Image



#### Mechanical Specifications

Minimum Bend Radius, loaded

Tensile Load, long term, maximum

Tensile Load, short term, maximum

75 mm | 2.953 in

300 N | 67.443 lbf

1200 N | 269.771 lbf

**COMMSCOPE®** 

## HCA-HO1K

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

Dust Cap Pulling Force, minimum445 N | 100.04 lbfMating Durability, maximum0.2 dB @ 500 cycles

Optical Specifications

Fiber Mode Singlemode

**Fiber Type** G.657.A2, TeraSPEED®

Insertion Loss, maximum, connector A0.3 dBInsertion Loss, typical0.15 dBReturn Loss, minimum, connector A65 dB

#### **Environmental Specifications**

**Installation temperature**  $0 \,^{\circ}\text{C}$  to +60  $^{\circ}\text{C}$  (-32  $^{\circ}\text{F}$  to +140  $^{\circ}\text{F}$ )

Operating Temperature  $-25 \,^{\circ}\text{C}$  to  $+70 \,^{\circ}\text{C}$  (-13  $^{\circ}\text{F}$  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 Outdoor

Jacket UV Resistance UV stabilized

Qualification Standards IEC 61753-1

Packaging and Weights

Cable weight 30 kg/km | 20.159 lb/kft

Packaging quantity 1