

HCA-A01F



Fiber Optic Drop Cable Assembly, PRODIGY™ Connector Core to Stub, 3.4 mm Round Cable

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

Product Classification

Regional Availability

Asia | EMEA | Europe | Latin America | North America

Product Type

Fiber drop cable assembly

General Specifications

Cable Type

Dielectric - Round

Connector A, quantity

1

Color, boot A

Black

Color, connector A

Black

Interface, Connector A

Prodigy®

Interface, Connector B

Unterminated

Jacket Color

Black

Total Fibers, quantity

1

Dimensions

Cable Assembly Length Range (m)

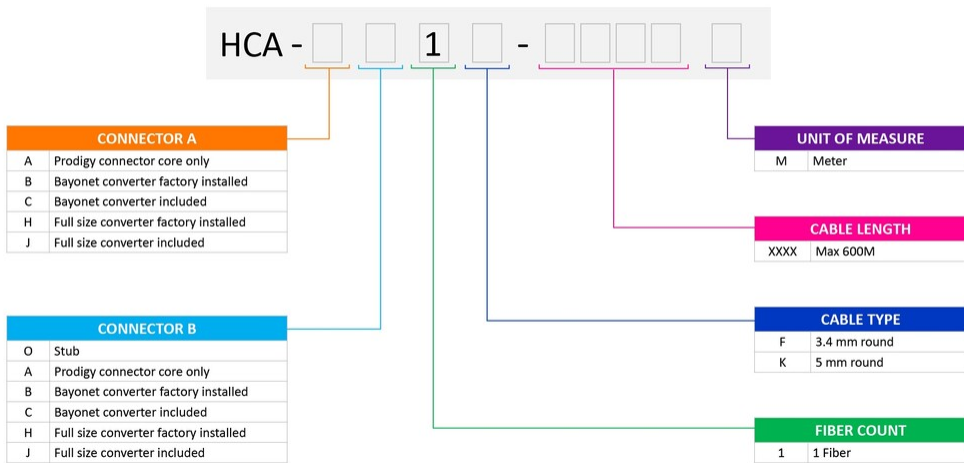
3 – 609

Cable Outer Diameter

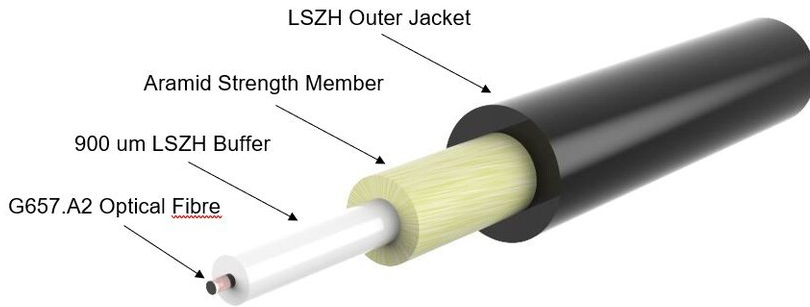
3.4 mm (0.13 in)

Ordering Tree

HCA-A01F



Representative Image



Material Specifications

Jacket Material Low Smoke Zero Halogen (LSZH)

Mechanical Specifications

Minimum Bend Radius, loaded 34 mm | 1.339 in

Tensile Load, long term, maximum 300 N | 67.443 lbf

Tensile Load, short term, maximum 620 N | 139.382 lbf

HCA-A01F

Cable Crush Resistance, maximum	20 N/mm 114.203 lb/in
Dust Cap Pulling Force, minimum	445 N 100.04 lbf
Mating Durability, maximum	0.5 dB @ 100 cycles

Optical Specifications

Fiber Mode	Singlemode
Fiber Type	G.657.A2, TeraSPEED®
Insertion Loss, maximum, connector A	0.4 dB
Insertion Loss, typical	0.15 dB
Return Loss, minimum, connector A	65 dB

Environmental Specifications

Installation temperature	-10 °C to +60 °C (+14 °F to +140 °F)
Operating Temperature	-30 °C to +65 °C (-22 °F to +149 °F)
Storage Temperature	-30 °C to +60 °C (-22 °F to +140 °F)
Environmental Space	Indoor/Outdoor
Jacket UV Resistance	UV stabilized
Qualification Standards	IEC 61753-1

Packaging and Weights

Cable weight	9.2 kg/km 6.182 lb/kft
---------------------	--------------------------