

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
Portfolio	CommScope®
Product Type	Fiber drop cable assembly

General Specifications

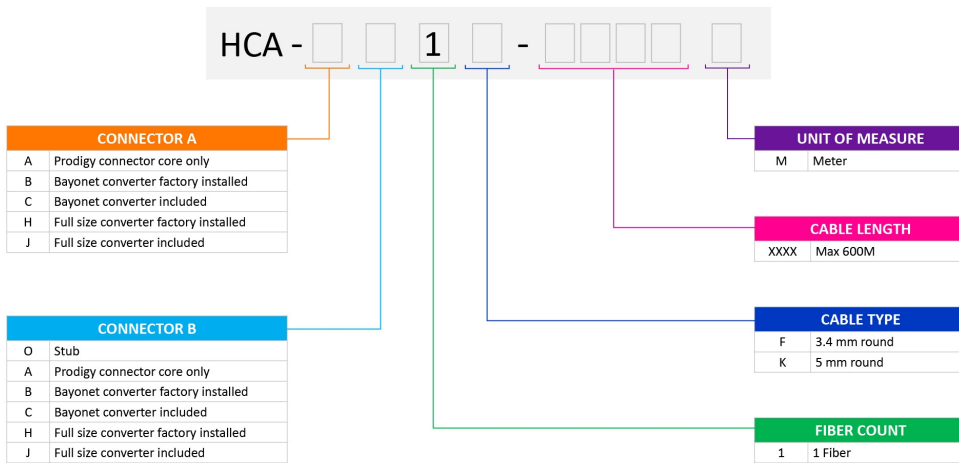
Cable Type	Dielectric - Round
Connector A, quantity	1
Color, boot A	Black
Color, connector A	Black
Interface, Connector A	Prodigy
Interface, Connector B	Unterminated
Jacket Color	Black
Total Fibers, quantity	1

Dimensions

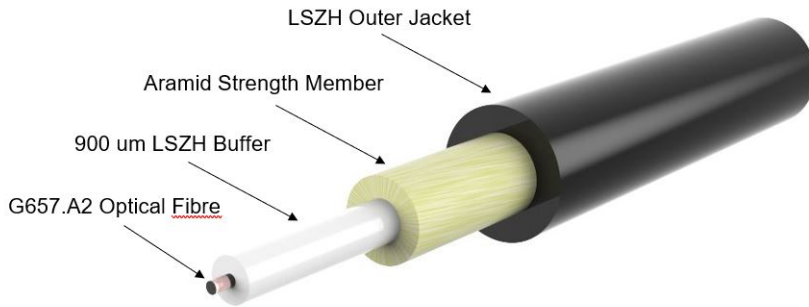
Cable Assembly Length Range (m)	3 – 609
Cable Outer Diameter	3.4 mm (0.13 in)

Ordering Tree

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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

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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
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