

HCA-Y01K



Fiber Optic Drop Cable Assembly, PRODIGY™ to stub, DLX Converter Included, 5 mm 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	EMEA
Portfolio	CommScope®
Product Type	Fiber drop cable assembly
Product Brand	PRODIGY™
Product Series	HCA

General Specifications

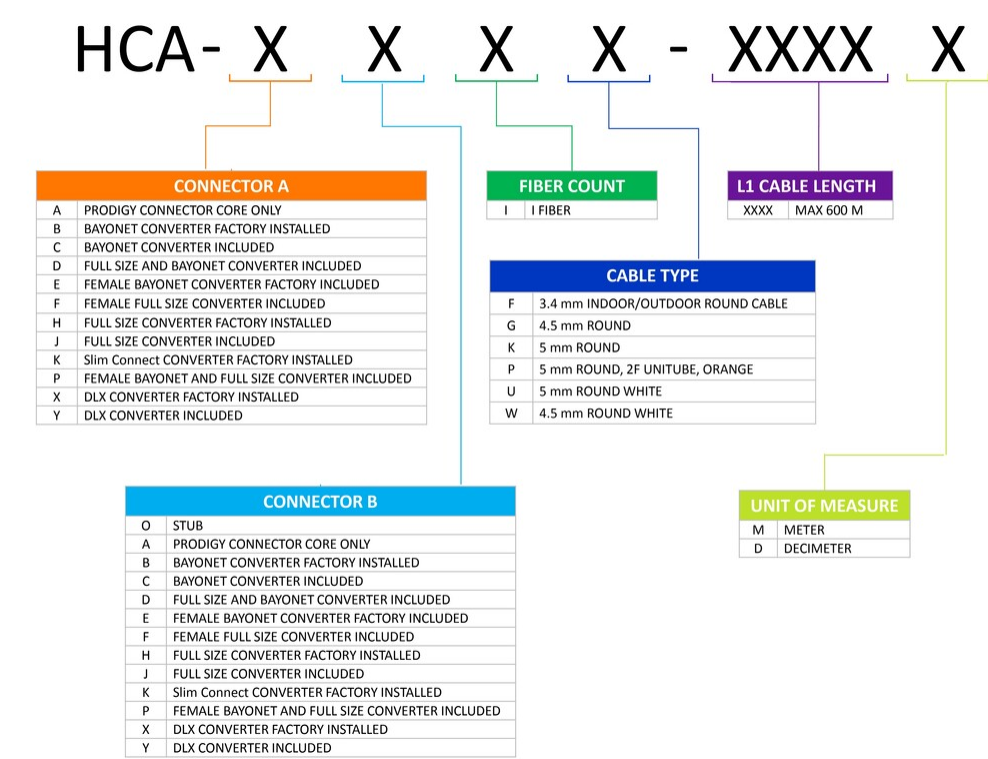
Cable Type	Dielectric - Round
Connector A, quantity	1
Color, boot A	Black
Color, connector A	Black
Interface, Connector A	Prodigy
Interface, Connector B	Unterminated
Jacket Color	Black
Total Fibers, quantity	1
Transmission Standards	IEC 61753-1 IEC 61754-4 IEC 61755

Dimensions

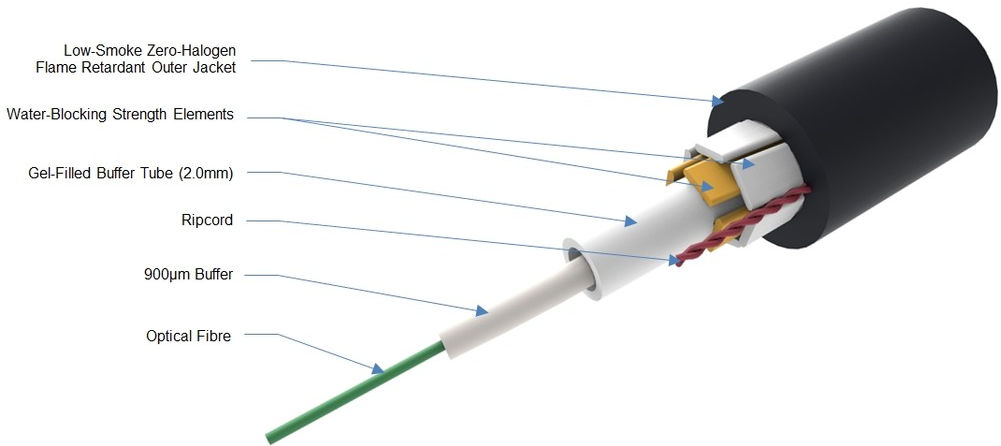
Cable Assembly Length Range (m)	30 – 500
Cable Outer Diameter	5.0 mm (0.20 in)

Ordering Tree

HCA-YO1K



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

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Tensile Load, short term, maximum	1200 N 269.771 lbf
Cable Crush Resistance, maximum	10 N/mm 57.101 lb/in
Mating Durability, maximum	0.2 dB @ 500 cycles

Optical Specifications

Fiber Mode	Singlemode
Fiber Type	G.657.A2
Insertion Loss, maximum, connector A	0.3 dB
Insertion Loss, typical	0.15 dB
Return Loss, minimum, connector A	65 dB

Environmental Specifications

Installation temperature	0 °C to +60 °C (-32 °F to +140 °F)
Operating Temperature	-25 °C to +65 °C (-13 °F to +149 °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

Packaging and Weights

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