HCA-A01X

Fiber Optic Drop Cable Assembly, PRODIGY™Core Connector to Stub, EZ AXS Toneable 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	Latin America | North America
Product Type	Fiber drop cable assembly
Product Brand	PRODIGY™
Product Series	HCA

General Specifications

Cable Type	Toneable - EZ Axs
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 (ft)	1 – 2000
Cable Outer Diameter	6.0 mm (0.24 in)

Ordering Tree

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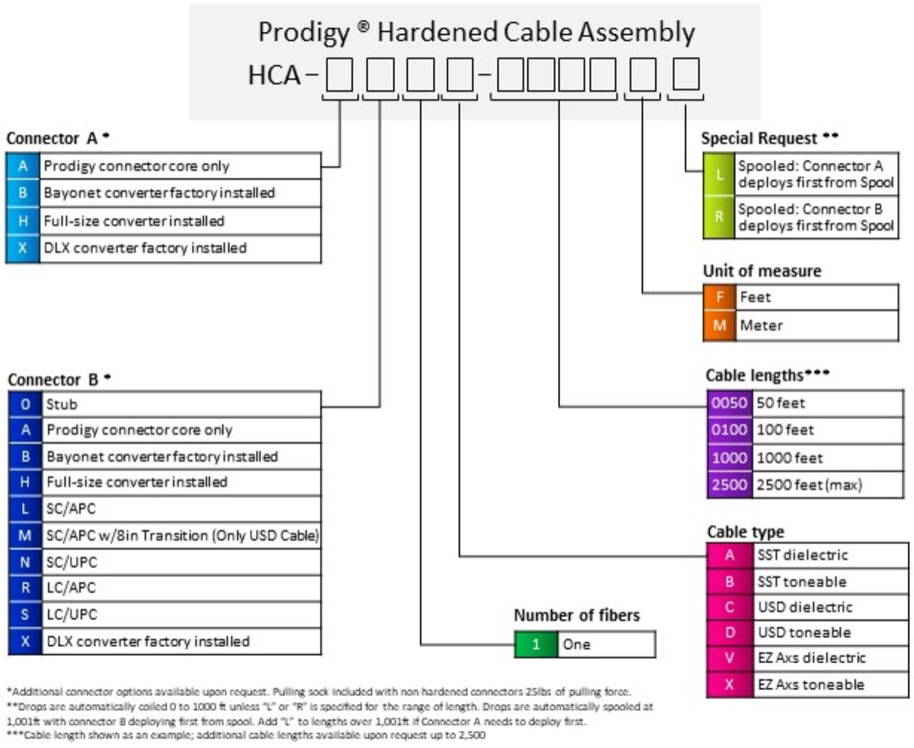
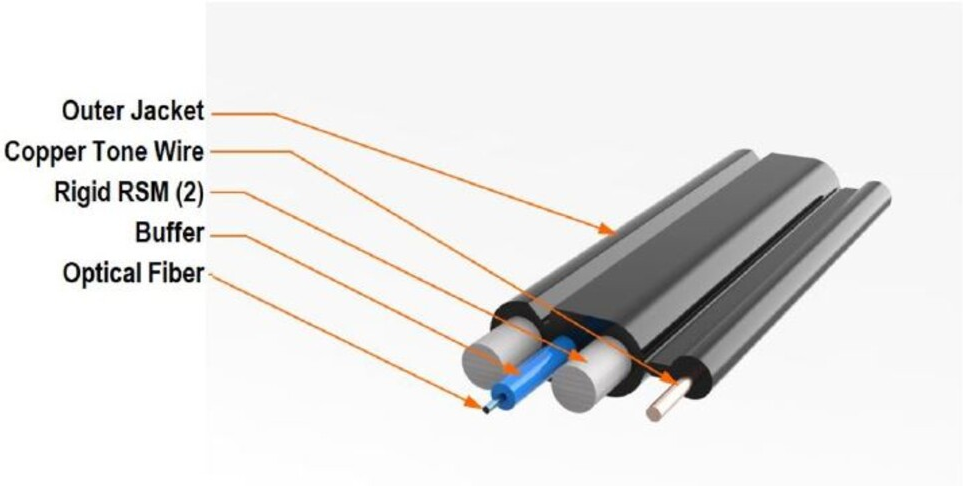


Representative Image



Mechanical Specifications

Minimum Bend Radius, loaded	60 mm | 2.362 in
Minimum Bend Radius, unloaded	60 mm | 2.362 in
Tensile Load, long term, maximum	400 N | 89.924 lbf

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Tensile Load, short term, maximum	1350 N | 303.492 lbf
Cable Crush Resistance, maximum	10 N/mm | 57.101 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/B2
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	-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 ºC to +70 ºC (-40 ºF to +158 ºF)
Environmental Space	Outdoor
Jacket UV Resistance	UV stabilized
Qualification Standards	Telcordia GR-3120-CORE

Packaging and Weights

Cable weight	19 kg/km | 12.767 lb/kft
Packaging quantity	1

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