



PRODIGY™ SC/APC w/ Short Breakout to SC/APC w/ Short Breakout, USD Dielectric Cable

- Hardened connectors are factory-terminated and environmentally sealed for use in optical drop cable deployments
- Hardened drop cables incorporate hardened connector technology that is designed to withstand the rugged outside plant environment
- Hardened drop cables simplify installation and maintenance by reducing splicing requirements in the distribution portion of the network
- *Product complies with the Build America, Buy America Act (BABAA) requirements of the Infrastructure Investment and Jobs Act of 2021 (Pub. L. 117- 58, §§ 70901-70953), or is the subject of a waiver approved by the Secretary of Commerce or designee. Compliance requirements and waiver applicability vary based on government funding program. Check the laws and regulations for your specific program.

Product Classification

Regional Availability	Asia Australia/New Zealand EMEA Latin America North America
Product Type	Fiber drop cable assembly
Product Series	HCA
Government Requirements	Build America Buy America (BABA) compliant*
Ordering Note	Drops are automatically coiled 0 to 1,000 ft (305 m), unless spool option "L" or "R" is specified for this range of length Drops are automatically spooled at 1,001 ft (306 m) with connector B deploying first from spool

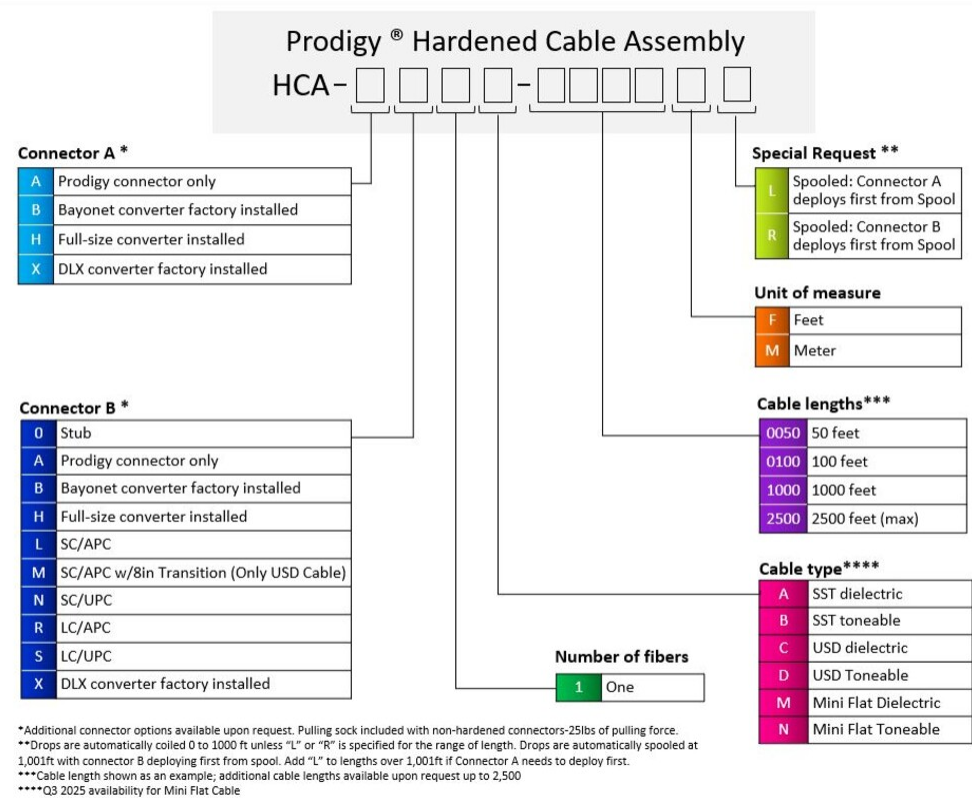
General Specifications

Cable Type	Dielectric - Universal Flat
Connector A, quantity	1
Color, boot A	Green
Color, connector A	Green
Connector B, quantity	1
Color, boot B	Green
Color, connector B	Green
Interface, Connector A	SC/APC with pulling sock
Interface, Connector B	SC/APC
Jacket Color	Black
Location of Manufacturing	Catawba, North Carolina

HCA-MM1C

Total Fibers, quantity	1
Transmission Standards	IEC 61753-1 IEC 61754-4 IEC 61755
Dimensions	
Breakout Length, connector A	203.2 mm 8 in
Breakout Length, connector B	203.2 mm 8 in
Cable Assembly Length Range (m)	1 – 900
Cable Assembly Length Range (ft)	50 – 2000
Cable Outer Diameter	4.6 x 8.0 mm (0.18 x 0.31 in)

Ordering Tree



Special Request **

L

Spoiled: Connector A deploys first from Spool

R

Spoiled: Connector B deploys first from Spool

Unit of measure

F

Feet

M

Meter

Cable lengths***

0050

50 feet

0100

100 feet

1000

1000 feet

2500

2500 feet (max)

Cable type****

A

SST dielectric

B

SST toneable

C

USD dielectric

D

USD Toneable

M

Mini Flat Dielectric

N

Mini Flat Toneable

Number of fibers

1

One

Additional connector options available upon request. Pulling sock included with non-hardened connectors-25lbs of pulling force.

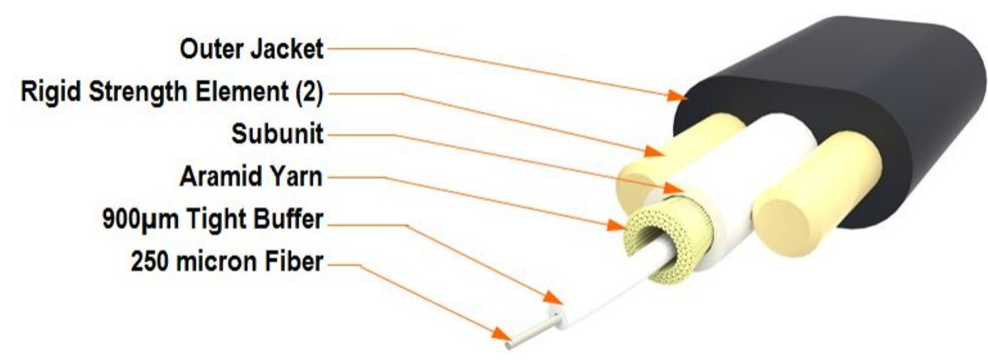
**Drops are automatically coiled 0 to 1000 ft unless "L" or "R" is specified for the range of length. Drops are automatically spooled at 1,001ft with connector B deploying first from spool. Add "L" to lengths over 1,001ft if Connector A needs to deploy first.

***Cable length shown as an example; additional cable lengths available upon request up to 2,500

****Q3 2025 availability for Mini Flat Cable

Representative Image

HCA-MM1C



Mechanical Specifications

Minimum Bend Radius, loaded	100 mm 3.937 in
Minimum Bend Radius, unloaded	150 mm 5.906 in
Tensile Load, long term, maximum	450 N 101.164 lbf
Tensile Load, short term, maximum	1300 N 292.252 lbf
Cable Crush Resistance, maximum	44 N/mm 251.246 lb/in

Optical Specifications

Fiber Mode	Singlemode
Fiber Type	G.657.A2, TeraSPEED®
Insertion Loss, maximum, connector A	0.4 dB
Insertion Loss, maximum, connector B	0.4 dB
Insertion Loss, typical	0.16 dB
Return Loss, minimum, connector A	65 dB
Return Loss, minimum, connector B	65 dB

Environmental Specifications

Installation temperature	-30 °C to +70 °C (-22 °F to +158 °F)
Operating Temperature	-40 °C to +75 °C (-40 °F to +167 °F)
Storage Temperature	-40 °C to +75 °C (-40 °F to +167 °F)
Environmental Space	Outdoor
Jacket UV Resistance	UV stabilized

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Qualification Standards	NEMA type 6, 10 ft waterhead Telcordia GR-20 Telcordia GR-3120
Packaging and Weights	
Cable weight	36 kg/km 24.191 lb/kft
Packaging quantity	1