ΗCΑ-ΑΟΙΚ



Fiber Optic Drop Cable Assembly, PRODIGY™ to stub, 5mm 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	Asia EMEA Latin America North America
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
Dimensions	
Cable Assembly Length Range (m)	3 - 609
Cable Outer Diameter	5.0 mm (0.20 in)

Ordering Tree

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HCA-AO1K

X X - XXXX X HCA-X Х FIBER COUNT L1 CABLE LENGTH CONNECTOR A PRODIGY CONNECTOR CORE ONLY I FIBER XXXX MAX 600 M А B C BAYONET CONVERTER FACTORY INSTALLED BAYONET CONVERTER INCLUDED D FULL SIZE AND BAYONET CONVERTER INCLUDED CABLE TYPE FEMALE BAYONET CONVERTER FACTORY INCLUDED Е FEMALE FULL SIZE CONVERTER INCLUDED 3.4 mm INDOOR/OUTDOOR ROUND CABLE F FULL SIZE CONVERTER FACTORY INSTALLED н FULL SIZE CONVERTER INCLUDED Slim Connect CONVERTER FACTORY INSTALLED

U	4.5 1111 100100
v	E mm BOUIND

- FEMALE BAYONET AND FULL SIZE CONVERTER INCLUDED
- DLX CONVERTER FACTORY INSTALLED X Y
- DLX CONVERTER INCLUDED

К Ρ

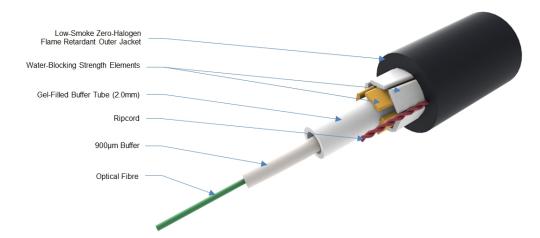
G	4.5 mm ROUND
К	5 mm ROUND
Ρ	5 mm ROUND, 2F UNITUBE, ORANGE
U	5 mm ROUND WHITE
w	4.5 mm ROUND WHITE

UN	IT OF MEASURE
м	METER
D	DECIMETER

CONNECTOR B		
)	STUB	
4	PRODIGY CONNECTOR CORE ONLY	
3	BAYONET CONVERTER FACTORY INSTALLED	
2	BAYONET CONVERTER INCLUDED	
)	FULL SIZE AND BAYONET CONVERTER INCLUDED	
	FEMALE BAYONET CONVERTER FACTORY INCLUDED	
-	FEMALE FULL SIZE CONVERTER INCLUDED	
+	FULL SIZE CONVERTER FACTORY INSTALLED	
J	FULL SIZE CONVERTER INCLUDED	
<	Slim Connect CONVERTER FACTORY INSTALLED	
	FER MALE RANGEST AND FULL SIZE COMPLETER RECEIPT	

- Ρ FEMALE BAYONET AND FULL SIZE CONVERTER INCLUDED
- Х DLX CONVERTER FACTORY INSTALLED
- Y DLX CONVERTER INCLUDED

Representative Image



Mechanical Specifications

Minimum Bend Radius, loaded	75 mm 2.953 in
Tensile Load, long term, maximum	300 N 67.443 lbf
Tensile Load, short term, maximum	1200 N 269.771 lbf

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Cable Crush Resistance, maximum	10 N/mm 57.101 lb/in
Dust Cap Pulling Force, minimum	445 N 100.04 lbf
Mating Durability, maximum	0.2 dB @ 500 cycles
Optical Specifications	
Fiber Mode	Singlemode
Fiber Type	G.657.A2, TeraSPEED®

Fiber Type	G.657.A2, TeraSPEED
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 +70 °C (-13 °F to +158 °F)
Storage Temperature	-40 °C to +70 °C (-40 °F to +158 °F)
Environmental Space	Outdoor
Jacket UV Resistance	UV stabilized
Qualification Standards	IEC 61753-1

Packaging and Weights

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

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