HCA-HO1K



Fiber Optic Drop Cable Assembly, PRODIGY™w/Fullsize converter to stub, 5mm LSZH 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® with full size converter installed	
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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ΗCΑ-ΗΟΙΚ

HCA-XXXXXXXXXXXXXXXXXX FIBER COUNT L1 CABLE LENGTH CONNECTOR A PRODIGY CONNECTOR CORE ONLY I FIBER XXXX MAX 600 M А BAYONET CONVERTER FACTORY INSTALLED BAYONET CONVERTER INCLUDED B C D FULL SIZE AND BAYONET CONVERTER INCLUDED CABLE TYPE FEMALE BAYONET CONVERTER FACTORY INCLUDED E FEMALE FULL SIZE CONVERTER INCLUDED 3.4 mm INDOOR/OUTDOOR ROUND CABLE F FULL SIZE CONVERTER FACTORY INSTALLED н 4.5 mm ROUND G FULL SIZE CONVERTER INCLUDED Slim Connect CONVERTER FACTORY INSTALLED к 5 mm ROUND К 5 mm ROUND, 2F UNITUBE, ORANGE Р P FEMALE BAYONET AND FULL SIZE CONVERTER INCLUDED υ 5 mm ROUND WHITE DLX CONVERTER FACTORY INSTALLED X Y DLX CONVERTER INCLUDED w 4.5 mm ROUND WHITE CONNECTOR B



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- X 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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ΗCΑ-ΗΟΙΚ

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®

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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