Basic Clear Track Fiber Optic, 900 um ClearCurve® ZBL OS2, Single-mode LC UPC to LC UPC, 1 m

Part Number:
F020201UCT09001M

With a fiber optic cable laid almost invisibly by the service provider, high-speed broadband Internet is finally becoming attractive to even more end customers - visually as well. Discreet installation indoors and in corridors is child's play and can be carried out by just one employee. The advantage: thanks to clear track fiber optic channels, even the most powerful gigabit Internet remains virtually invisible.

Features and Benefits

Flexible design options

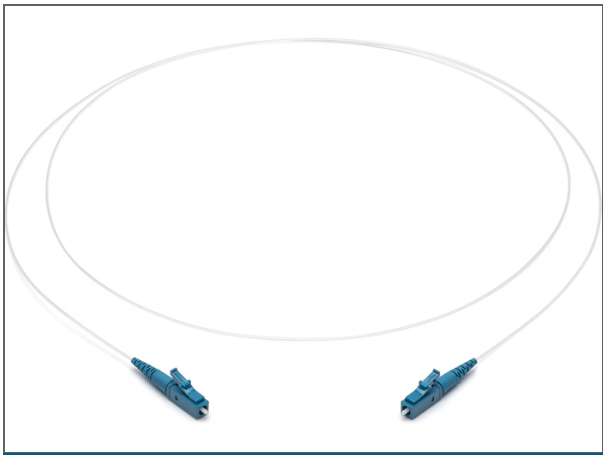
Choice of materials for strength elements and fiber properties for various application requirements

Global operations

Worldwide manufacturing facilities and end-to-end vertical integration across the entire process ensure reliable supply and mitigate trade barriers or supply

State-of-the-art manufacturing processes

Advanced technology results in unsurpassed product consistency and quality



Basic 900µm Clear Track Fiber Optic, Patch Cord, ClearCurve® ZBL OS2, Single-mode LC/UPC - LC/UPC, 1m

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Specifications

General Specifications	
Flame Rating	LSZH/FRNC
Fiber Category	Single-mode (OS2)
Cable Assembly Type	Patch Cords
Environment	Indoor
Application	Fiber to the Premises, In-Building Network (IBN), Local Area Network (LAN), Central Office, Headend
Cable Type	Simplex
Packaging	Cardboard box

Standards	
Reaction to Fire	Dca
RoHS	Free of hazardous substances according to RoHS 2011/65/EU
Intermateability	IEC 61754

Environmental Conditions	
Temperature Range, Installation	-20 °C to 70 °C (-4 °F to 158 °F)
Temperature Range, Operation	-20 °C to 70 °C (-4 °F to 158 °F)
Temperature Range, Storage	-20 °C to 70 °C (-4 °F to 158 °F)

Design	
Fiber Count	1
Outer Jacket Material	LSZH/FRNC
Outer Jacket Color	Clear
Tensile Strength	5 N
Fiber Type	Single-mode

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CORNING

Mechanical Specifications	
Strip Length	1500 mm
Tensile Strength	5 N
Nominal Outer Diameter	0.9 mm
Max. Tensile Strength, Short-Term	6 N
Max. Tensile Strength, Long-Term	3 N
Max. Tensile Strength for Installation	5 N
Min. Bend Radius Installation	15 mm
Min. Bend Radius Operation	7.5 mm

Optical Characteristics	
Fiber Code	U
Performance Option Code	25
Fiber Category	OS2
Fiber Type	Single-mode (OS2) / 250 µm
Fiber Name	ClearCurve® ZBL
Maximum Attenuation	0.38 dB/km / 0.38 dB/km / 0.25 dB/km
Wavelengths	1310 nm / 1383 nm / 1550 nm
Fiber Compliance	ITU-T G.652.D and ITU-T G.657.B3
Fiber Core Diameter	8.2 µm
Cladding diameter	125 µm
Coating diameter	242 µm
Dispersion @ 1550 nm	≤ 18 [ps/(nm*km)]
Dispersion @ 1625 nm	≤ 23 [ps/(nm*km)]
Cable cutoff wavelength	1260 nm
Mode-Field Diameter at 1310 nm	8.6 µm
Mode-Field Diameter at 1550 nm	9.65 µm
PMD Link Design Value	≤ 0.06 ps/√km
PMD maximum individual fiber	≤ 0.2 ps/√km

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CORNING

Specifications - Connector A	
Polish	UPC
Insertion Loss, Max.	0.25 dB
Durability	< 0.2 dB change, 500 rematings, FOTP-21
Boot Color	Blue
Connector Type	LC
Ferrule Material	Ceramic
Housing Color	Blue
Housing Material	Composite
Boot Type	Simplex
Reflectance	≤ -45 dB

Specifications - Connector B	
Polish	UPC
Insertion Loss, Max.	0.25 dB
Durability	< 0.2 dB change, 500 rematings, FOTP-21
Boot Color	Blue
Connector Type	LC UPC simplex
Ferrule Material	Ceramic
Housing Color	Blue
Housing Material	Composite
Boot Type	Simplex
Reflectance	≤ -45 dB

Dimensions	
Length	1 m

Ordering Information	
Product Number	F020201UCT09001M

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Ordering Information	
Packaging Method	Box
Shipping Height	190 mm
Shipping Width	250 mm
Shipping Depth	380 mm
Units per Delivery	1/1

RoHS COMPLIANT

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