

Professional 2.0 mm 2 Fiber Patch Cord Corning® ClearCurve® OM3, Multimode, LC UPC Duplex to LC UPC Duplex, 1 m



CORNING

Part Number:
050502T5Z20001M

Corning's® cable assemblies use high-quality Corning® ClearCurve® multimode fibers to withstand tight bends and challenging cabling routes with substantially less signal loss than conventional multimode fiber

Features and Benefits

State-of-the-art manufacturing processes

Advanced technology results in unsurpassed product consistency and quality

Global operations

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

Flexible design options

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

Superior Performance Testing

Every termination is tested to ensure the highest in network performance

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Specifications

General Specifications

Flame Rating	LSZH/FRNC
Fiber Category	50 µm MM (OM3)
Cable Assembly Type	Two Fiber
Environment	Indoor
Application	Fiber to the Premises, In-Building Network (IBN), Local Area Network (LAN), Central Office
Cable Type	Tight-Buffered

Standards

Fiber Standards	IEC 60793-2-10 A1-OM3
Reaction to Fire	Dca
RoHS	Free of hazardous substances according to RoHS 2011/65/EU
Intermateability	IEC 61754

Environmental Conditions

Temperature Range, Installation	-10 °C to 60 °C
Temperature Range, Operation	-10 °C to 60 °C
Temperature Range, Storage	-10 °C to 60 °C

Design

Fiber Count	2
Outer Jacket Material	LSZH/FRNC
Outer Jacket Color	Aqua
Polarity	Crossed, TIA-568 Type-B
Fibers per Port	2

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Mechanical Specifications

Minimum Bend Radius	10 mm
Nominal Outer Diameter	2 mm
Crush Resistance	1000 N/10 cm
Min. Bend Radius Installation	15 mm
Min. Bend Radius Operation	7.5 mm

Optical Characteristics

Fiber Code	T
Performance Option Code	88
Fiber Category	OM3
Fiber Type	Multimode
Fiber Name	50 µm MM (OM3)
Maximum Attenuation	2.8 dB/km / 1.0 dB/km
Wavelengths	850 nm / 1300 nm
Fiber Compliance	IEC 60793-2-10
Fiber Core Diameter	50 µm
Cladding diameter	125 µm
Coating diameter	242 µm
Serial 1 Gigabit Ethernet	750 m / 600 m
Serial 10 Gigabit Ethernet	300 m / -
Minimum Effective Modal Bandwidth (EMB)	2000 MHz*km / -
Min. Overfilled Launch (OFL) Bandwidth	1500 MHz*km / 500 MHz*km

Specifications - Connector A

Polish	UPC
Insertion Loss, Typical	0.35 dB
Insertion Loss, Max.	0.5 dB
Tensile Strength Jacketed Cable	70 N

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Specifications - Connector A

Durability	≤ 0.2 dB change, 500 rematings, FOTP-21
Boot Color	Aqua / White
Connector Type	LC UPC Duplex
Ferrule Material	Ceramic
Housing Color	Beige
Housing Material	Composite
Boot Type	Duplex
Reflectance	≤ -40 dB

Specifications - Connector B

Polish	UPC
Insertion Loss, Typical	0.35 dB
Insertion Loss, Max.	0.5 dB
Tensile Strength Jacketed Cable	70 N
Durability	≤ 0.2 dB change, 500 rematings, FOTP-21
Keyed (security)	No
Boot Color	Aqua / White
Connector Type	LC UPC Duplex
Ferrule Material	Ceramic
Housing Color	Beige
Housing Material	Composite
Boot Type	Duplex
Reflectance	≤ -40 dB

Dimensions

Length	1 m
Outer Diameter	2 mm

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Ordering Information

Product Number	050502T5Z20001M
Packaging Method	Box
Shipping Height	190 mm
Shipping Width	250 mm
Shipping Depth	380 mm
Units per Delivery	1/1



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