Professional 2.0 mm 2 Fibre Patch Cord Corning® ClearCurve® OM4, Multimode, LC UPC Duplex to LC UPC Duplex, 3 m

Part Number:
050502Q5Z20003M

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

Features and Benefits

State-Of-The-Art Manufacturing Processes

Corning proprietary manufacturing processes and advanced technology result in unsurpassed product consistency

Global operations

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

Flexible design options

Choice of materials for strength elements and fibre properties dependent on application requirements

Superior Performance Testing

Every termination is tested to ensure the highest in network performance



Professional 2.0 mm Multimode Patch Cord, LSZH™, CPR Dca, Corning® ClearCurve® OM4, Multimode, LC UPC Duplex to LC UPC Duplex, 3 m

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Specifications

General Specifications	
Flame rating	LSZH/FRNC
Fibre category	50 µm MM (OM4)
Product category	Patch Cord
Cable assembly type	Patch cords
Environment	Indoor
Application	Fiber to the Premises (FTTP), In-Building Network (IBN), Local Area Network (LAN), Central Office
Cable Type	Tight-buffered

Standards	
Fibre Standards	IEC 60793-2-10 A1-OM4
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	
Fibre count	2
Outer jacket material	LSZH/FRNC
Outer jacket colour	Turquoise
Polarity	Crossed, TIA-568 Type-B
Fibres per port	2

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Mechanical Characteristics	
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	
Fibre code	T
Performance option code	98
Fibre category	OM4
Fibre Type	Multimode
Fibre name	50 µm MM (OM4)
Maximum Attenuation	2.8 dB/km / 1.0 dB/km
Wavelengths	850 nm / 1300 nm
Fibre compliance	IEC 60793-2-10
Fibre core diameter	50 µm
Cladding diameter	125 µm
Coating diameter	242 µm
Serial 1 gigabit ethernet	1000 m / 600 m
Serial 10 gigabit ethernet	550 m / -
Minimum effective modal bandwidth (EMB)	4700 MHz*km / -
Min. overfilled launch (OFL) bandwidth	3500 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 colour	Turquoise / white
Connector type	LC UPC Duplex
Ferrule material	Ceramic
Housing colour	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
Boot colour	Turquoise / white
Connector type	LC UPC Duplex
Ferrule material	Ceramic
Housing colour	Beige
Housing material	Composite
Boot type	Duplex
Reflectance	≤ -40 dB

Dimensions	
Length	3 m
Outer diameter	2 mm

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Ordering Information	
Product Number	050502Q5Z20003M
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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