

Basic 2.0 mm Single-mode Patch Cord, LSZH, CPR Dca SMF-28® Ultra OS2, LC UPC Duplex auf SC APC Duplex

CORNING

Part Number:
F046602G2Z2000

Cable assemblies are a basic component for any network infrastructure projects you may have. The performance of our patch cords and pigtails comply with the optical and mechanical requirements of the industry. They are available in 1- and 2-fibre combinations. Corning's pre-terminated assemblies use only high-quality Corning optical fibres to ensure total performance quality.

Features and Benefits

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

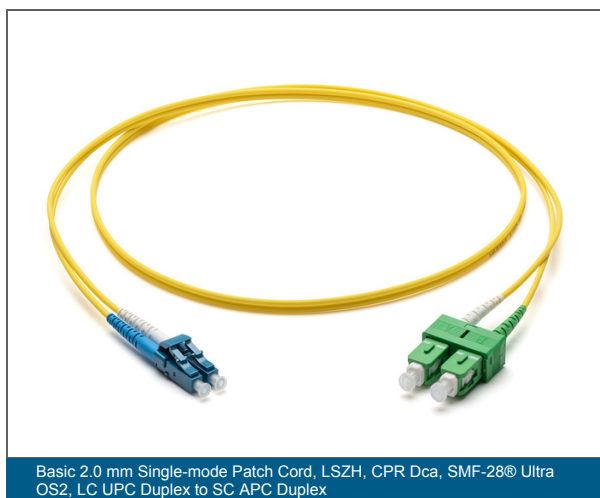
Choice of materials for strength elements and fibre properties dependent on application requirements

Superior Performance Testing

Every termination is tested to ensure the highest in network performance

State-Of-The-Art Manufacturing Processes

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



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Specifications

General Specifications

Fibre category	Single-Mode (OS2) Ultra
Cable assembly type	Patch cords
Environment	Indoor
Application	LAN, IBN
Cable Type	Zipcord

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
Temperature range, operation	-20 °C to 70 °C
Temperature range, storage	-20 °C to 70 °C

Design

Fibre count	2
Outer jacket material	LSZH/FRNC
Outer jacket colour	Yellow
Polarity	Crossed, TIA-568 Type-B
Fibre Type	Single-mode
Colour	Yellow

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Mechanical Characteristics

Nominal outer diameter	2 mm
Max. tensile strength, short-term	300 N
Max. tensile strength, long-term	150 N
Crush resistance	1000 N/10 cm
Min. bend radius installation	15 mm
Min. bend radius operation	7.5 mm

Specifications - Connector A

Polish	UPC
Insertion loss, max.	0.25 dB
Tensile strength jacketed cable	50 N
Durability	≤ 0.2 dB change, 500 rematings, FOTP-21
Boot colour	Blue
Connector type	LC UPC Duplex
Ferrule material	Ceramic
Housing colour	Blue / white
Housing material	Composite
Boot type	Duplex
Reflectance	≤ -45 dB

Specifications - Connector B

Polish	APC
Insertion loss, max.	0.25 dB
Tensile strength jacketed cable	50 N
Durability	≤ 0.2 dB change, 1000 rematings, FOTP-21
Boot colour	Green
Connector type	SC duplex APC
Ferrule material	Ceramic

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Specifications - Connector B	
Housing colour	Green / white
Housing material	Composite
Boot type	Duplex
Reflectance	≤ -60 dB



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