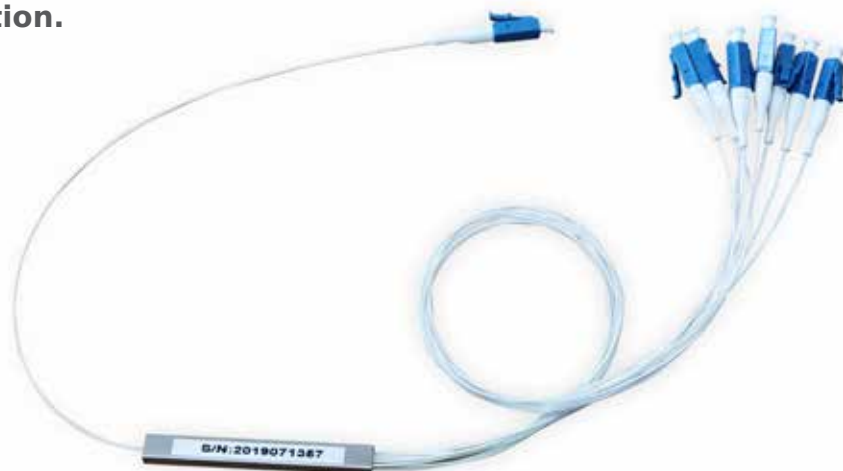


PLC Splitter

A PLC Splitter is a component that splits the optical light power from one route into different routes. The Molex PLC Splitter offers premium factory controlled optical performance on a variety of connectors that enable fast, economical installation.



FEATURES AND ADVANTAGES

Wide Operating Wavelength Range: 1260-1650nm

Low PDL

Low Insertion Loss

Excellent Channel IL Uniformity

Compact Size

High stability and reliability

SPECIFICATIONS

Mechanical

Operating temperature: -40°C to 85°C

Storage Temperature: -40°C to 85°C

Optical

Return Loss

UPC: ≥ 55 dB

APC: ≥ 65 dB

Directivity: ≥ 55 dB

Port Configuration	Insertion Loss (dB)	PDL (dB)	Wavelength Dependent Loss (dB)
1 X 2	≤ 3.8	≤ 0.2	≤ 0.3
1 X 4	≤ 7.1	≤ 0.2	≤ 0.3
1 X 8	≤ 10.2	≤ 0.2	≤ 0.3
1 X 16	≤ 13.5	≤ 0.25	≤ 0.5
1 X 32	≤ 16.5	≤ 0.3	≤ 0.5
1 X 64	≤ 20.5	≤ 0.35	≤ 0.8
2 X 4	≤ 7.5	≤ 0.2	≤ 0.4
2 X 8	≤ 10.6	≤ 0.3	≤ 0.5
2 X 16	≤ 13.8	≤ 0.3	≤ 0.5
2 X 32	≤ 17.2	≤ 0.4	≤ 0.5
2 X 64	≤ 20.7	≤ 0.4	≤ 0.5

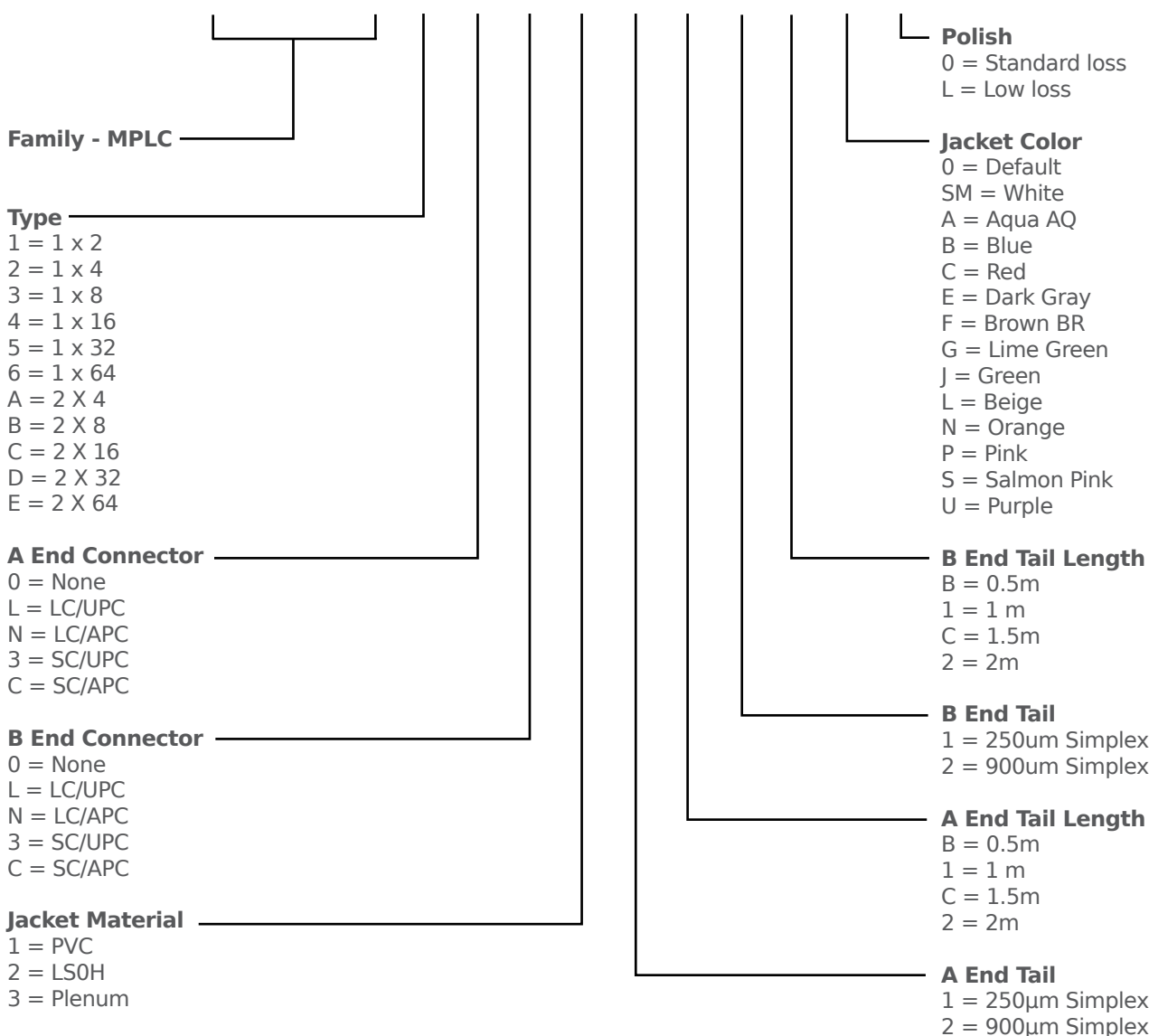
www.molex.com/products/fiber

PLC Splitter >

ORDERING INFORMATION

Part No. Matrix - Substitute the correct code number or letter to determine the assembly instruction

M P L C X X X X X X X X X X



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