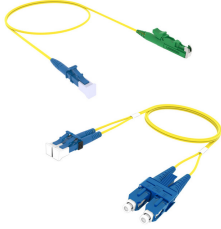


Base Product



OCJ Series Singlemode Fiber Optic Patch Cord

OCJ Patch cords are simplex or duplex fiber cables pre-assembled with a connector at both ends. They are typically used to cross-connect patch panel to patch panel and to interconnect patch panels to optical equipment.

FEATURES

- CommScope offers two ranges of cable assembly specifications according to IEC 61755-1
- Grade C as a standard quality for use in data centers and telecommunication networks
- Grade B as a superior quality if lower attenuation (Insertion) losses are required, for example to cover extra distance
- All connectors are built with full ceramic ferrules and tuned for best performance and compatibility according to IEC 61755-3-1 and -3-2
- CommScope's standard single mode fiber is according to ITU-T G.657.A1 (MFD $9.2 \mu\text{m} \pm 0.4 \mu\text{m}$) and G.657.A2 (MFD $8.6 \mu\text{m} \pm 0.4 \mu\text{m}$) If other fiber types or MFD (Mode Field Diameter) are required, please contact your CommScope representative

Product Classification

Regional Availability	Europe Middle East/Africa
Product Type	Fiber patch cord, duplex Fiber patch cord, simplex
Product Series	OCJ

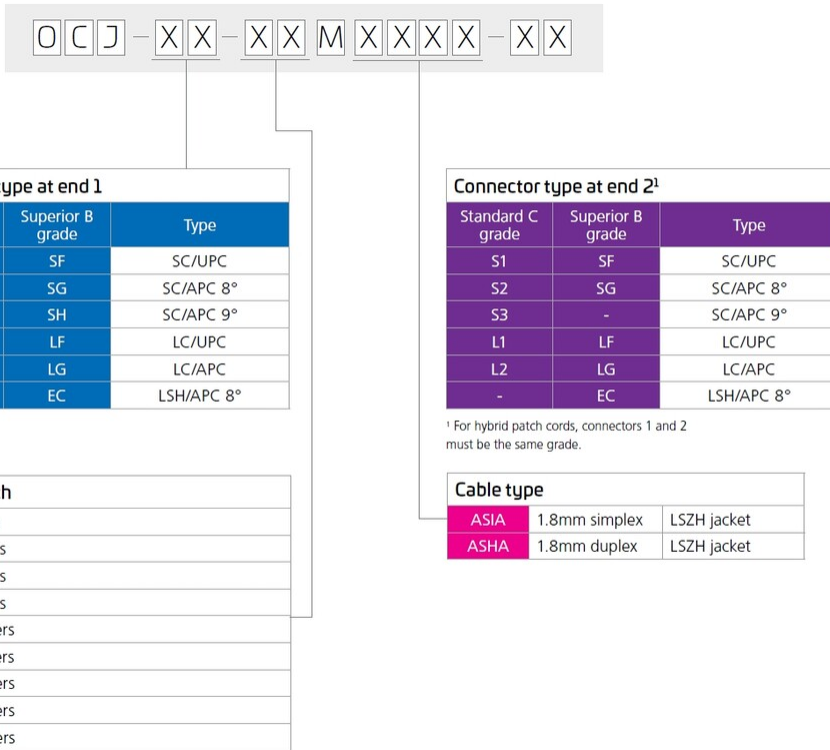
General Specifications

Jacket Color	Yellow
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Dimensions

Cable Assembly Length Range (m)	1 – 30
Diameter Over Jacket	1.8 mm 0.071 in

Ordering Tree



Optical Performance

	Standard connectors	Superior connectors
Grade according to IEC 61755-1	C	B
Attenuation (Insertion loss)		
Random mated for 97%	≤ 0.50 dB	≤ 0.25 dB
Random mated average	≤ 0.25 dB	≤ 0.12 dB
Against reference ¹	≤ 0.45 dB	≤ 0.25 dB
Return loss		
Random mated for UPC ²	> 50 dB	> 50 dB
Random mated for APC ³	> 60 dB	> 60 dB
Operational temperature range	-40°C ... +70°C	-40°C ... +70°C

¹ The given values are for 1310 nm, 1550 nm and 1625 nm

² UPC = ultra polished physical contact

³ APC = angled polished physical contact

For information on other grade connectors, please contact your local CommScope sales representative.

Optical Specifications

Fiber Mode

Singlemode

Fiber Type G.657.A1, TeraSPEED®

Environmental Specifications

Operating Temperature -40 °C to +70 °C (-40 °F to +158 °F)

Environmental Space Low Smoke Zero Halogen (LSZH)

Packaging and Weights

Packaging quantity 1