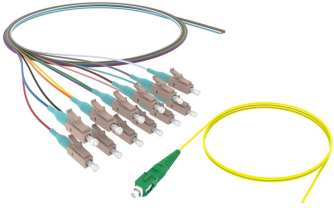


OCP

Base Product



OCP Series Singlemode Fiber Optic Pigtail

OCP Pigtails are simplex or multi fiber cables pre-assembled with a connector at one end. They are typically used to connect patch panels to splice panels or splice trays.

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 pigtail, jacketed Fiber pigtail, unjacketed
Product Series	OCP

Dimensions

Cable Assembly Length Range (m)	1 – 30
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Ordering Tree

OCP

O C P - X X - X X M X X X X - X X

Connector/adaptor type		
Standard C grade	Superior B grade	Type
S1	SF	SC/UPC
S2	SG	SC/APC 8°
S3	SH	SC/APC 9°
L1	LF	LC/UPC
L2	LG	LC/APC
-	EC	LSH/APC 8°

Cable type			Fiber type
ASEN	900 μm	Semi-tight jacket	A1
HSEN	900 μm	Semi-tight jacket	A2

Cable length	
02	2 meters

- Standard Configuration by default 900μm buffer
buffer color : yellow
250 μm color : natural or milky white

O C P - X X - X X M X X X X - X X

Connector/adaptor type		
Standard C grade	Superior B grade	Type
S1	SF	SC/UPC
S2	SG	SC/APC 8°
S3	SH	SC/APC 9°
L1	LF	LC/UPC
L2	LG	LC/APC
-	EC	LSH/APC 8°

Cable type			Fiber type
ASIA	1.8 mm simplex	LSZH jacket	A1
HSIA	1.8 mm simplex	LSZH jacket	A2

Cable length	
06	6 meters
20	20 meters

- Standard Configuration by default for 1.8mm
Jacket color : Yellow
buffer color : milky white or transparent
250 μm color : natural or milky white

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
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Regulatory Compliance/Certifications

Agency	Classification
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system