



Simplex multi-mode cable assemblies

Pigtails and jumpers

Multi-mode fiber optic cable assemblies are designed for use in datacommunications and local area network (LAN) applications.

Pigtails are single fiber cables preassembled with a connector at one end.

Jumpers are single fiber cables preassembled 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.

CommScope offers four types of multi-mode fiber:

- OM1 (62,5/125 μ m) and OM2 (50/125 μ m) for use in premises networks for video, voice and data services at 850 and 1300 nm
- OM3 and OM4 (both 50/125 μ m, laser optimized) for use in short distances applications at 10 Gbit/s as LANs, data centers and central offices.

For all connectors used on the pigtailed and jumpers the matching adapters are available and can be ordered separately.

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Pigtails and jumpers

Ordering information multi-mode pigtails and jumpers

OC X - X - XX - XX X XXXX- XX

Cable assembly

P	Pigtail
J	Jumper

Ferrule centering method

M	Multimode
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Connector type at end 1

Min.return loss	SC	FC	E2000	LC
20 dB	S5	F5	E5	L5

Cable length

01...11	Always use 2 digits
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Connector type at end 2

Min.return loss	SC	FC	E2000	LC
20 dB	S5	F5	E5	L5

XX	Select XX in case of a pigtail.
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Cable type

Fiber type	Cable type	Jacket	Code	Fiber type
OM1	2,5 mm	LSZH	ESDA	62,5/125
OM1	0,9 mm	Semi tight	ESEN	62,5/125
OM2	2,5 mm	LSZH	DSDA	50/125
OM2	0,9 mm	Semi tight	DSEN	50/125
OM3	2,5 mm	LSZH	FSDA	50/125
OM3	0,9 mm	Semi tight	FSEN	50/125
OM4	2,5 mm	LSZH	GSDA	50/125
OM4	0,9 mm	Semi tight	GSEN	50/125

Cable length unit

M	Meter
D	Decimeter (for jumpers only)

Notes

- In case of a hybrid jumper, sort the connector type codes alphanumerical.

For more technical options and order quantity information, please consult the products ordering guides or your local sales representative.



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