

1G to 100G MIGRATION

Choose a Cabling Infrastructure That Will Support Current and Future Requirements

CORNING

1G to 100G Migration path for Multimode Fiber Infrastructures

	IEEE Standards-Based Solutions					Engineered Solutions	
Data Rate	1G	10G	40G	100G (10-Lanes)	100G (4-Lanes)	40G (Extended Reach)	40G (BiDi)
MTP® - MTP Backbone (Module-Trunk-Module)	■	■	■	■	■	■	■
LC-LC Backbone (Panel-Trunk-Panel)	■	■	▲	▲	▲	▲	■
IEEE PMD	1000BASE-SX 1000BASE-LX	10GBASE-SR 10GBASE-LX4 10GBASE-LRM	40GBASE-SR4	100GBASE-SR10	100GBASE-SR4	Known as 40GBASE-eSR4	Known as QSFP-40G-SR-BD
Number of Fibers Needed	2	2	8	20	8	8	2
Transceiver Connector Type	LC	LC	12F MTP	24F MTP	12F MTP	12F MTP	LC

■ = Requires No Cabling Upgrade

▲ = Requires Adding 12F MTP Trunk Cable