

Minimum Reach of Ethernet Variants Over Multi-mode Fibre

Category	Minimum modal bandwidth 850nm / 1300nm	Fast Ethernet 100BASE-FX	1Gb (1000Mb) Ethernet 1000BASE-SX	1Gb (1000Mb) Ethernet 1000BASE-LX	10Gb Ethernet 10GBASE-SR	40Gb Ethernet 40GBASE-SR4	100Gb Ethernet 100GBASE-SR10
FDDI (62.5/125)	160 / 500 MHz·km	2000m	220m	550m (mode-conditioning patch cord required)	26m	Not supported	Not supported
OM1 (62.5/125)	200 / 500 MHz·km		275m		33m	Not supported	Not supported
OM2 (50/125)	500 / 500 MHz·km		550m		82m	Not supported	Not supported
OM3 (50/125) *Laser Optimized*	1500 / 2000 MHz·km		550m	550m	300m	100m (330m QSFP+ eSR4)	100m
OM4 (50/125) *Laser Optimized*	3500 / 4700 MHz·km		550m		400m	150m (550m QSFP+ eSR4)	150m