

Maximum Distances for Fibre Optic Cabling

	Fast Ethernet	Gigabit Ethernet	10 Gigabit Ethernet	40 Gigabit Ethernet	100 Gigabit Ethernet
Alternate Name		1GbE	10GbE	40GbE	100GbE
Transmission Speed	100Mbps	1000Mbps or 1Gbps	10Gbps	40Gbps	100Gbps
OM1 (62.5/125)	550 metres	275 metres	33 metres	N/A	N/A
OM2 (50/125)	550 metres	550 metres	82 metres	N/A	N/A
OM3 (50/125)	550 metres	550 metres	300 metres	100 metres	100 metres
OM4 (50/125)	550 metres	2km	550 metres	150 metres	150 metres
OS1 (9/125)	40km	120km	40km	40km	40km