

FIBER GUIDE

Interface	Speed	Cabletype	Thickness (µm)	Wavelength (nm)	Modal Bandwith (MHz*km)	Distance (meters)
SX (802.3z)	1 Gbit	Multimode fiber	62,5	850	160	2-220
		Multimode fiber	62,5	850	200	2-275
		Multimode fiber	50	850	400	2-500
		Multimode fiber	50	850	500	2-550
LX (802.3z)	1 Gbit	Multimode fiber	62,5	1310	500	2-550
		Multimode fiber	50	1310	400	2-550
		Multimode fiber	50	1310	500	2-550
		Singlemode fiber	9	1310	n/a	2-10.000
LH	1 Gbit	Singlemode fiber	9	1550	n/a	10-70.000
SR (802.3ae)	10 Gbit	Multimode fiber	62,5	850	160	2-26
		Multimode fiber	62,5	850	200	2-33
		Multimode fiber	50	850	400	2-66
		Multimode fiber	50	850	500	2-82
		Multimode fiber	50	850	2000	2-300
LR (802.3ae)	10 Gbit	Singlemode fiber	9	1310	n/a	2-10.000
ER	10 Gbit	Singlemode fiber	9	1550	n/a	2-40.000

Connector Types

