

Applications

Fiber Applications Matrix

Standard	Wavelength	Transmission	Fiber type	Length (m)
1000BASE-LX	1300nm	Serialized	OM1	550
			OM2	550
			SM	>2,000
1000BASE-SX	850nm	Serialized	OM1	220
			OM2	550
			OM3	>550
10GBASE-SR	850nm	Serialized	OM1	33
			OM2	82
			OM3	300
			OM4	550
10GBASE-LR	1310nm	Serialized	SM	10,000 - 25,000
10GBASE-LRM	1310nm	Serialized	OM1	220
			OM3	260
10GBASE-ER	1550nm	Serialized	SM	40,000
10GBASE-LX4	1300nm	WDM	MM	240-300
			SM	10,000
40GBASE-SR4	850nm	Parallel Optics	OM3	100
			OM4	125
40GBASE-LR4	1310nm	WDM	SM	10,000
100GBASE-SR10	850nm	Parallel Optics	OM3	100
			OM4	125
100GBASE-LR4	1310nm	WDM	SM	10,000
100GBASE-ER4	1310nm	WDM	SM	40,000
Infiniband SDR	850nm	Parallel Optics	OM1	75
			OM2	125
			OM3	200
Infiniband DDR	850nm	Parallel Optics	OM1	50
			OM2	75
			OM3	150
Infiniband 4x-LX	call	call	OS2	10,000
ITU-T G.957 STM-1, -4 & -16	1550nm	WDM	OS2	2,000
ITU-T G.957 STM-1 & -4				15,000
ITU-T G.957 STM-1		Serialized		40,000
Fibre Channel, 2 Gig	850nm	Serialized	OM2	300
			OM3	500
Fibre Channel, 4 Gig	850nm	Serialized	OM2	150
			OM3	270
Fibre Channel 1, 2 & 4 Gig	1300nm	Serialized	OS2	10,000

Application

Reference