

Optical Interface information

Standard	Bit rate	Wavelength	Fibre cores required	Note	Fibre type						
					FDDI grade	OM1	OM2	OM3	OM4	OS1	OS2
100BASE-SX	100Mb/s	850nm	2		550m	550m	550m	550m	550m		
100BASE-FX	100Mb/s	1310nm	2		2km	2km	2km	2km	2km		
100BASE-BX	100Mb/s	1310/1550nm	1		2km	2km	2km	2km	2km	10-40km	10-40km
100BASE-LX10	100Mb/s	1310nm	2							10km	10km
1000BASE-SX	1Gb/s	850nm	2		220m	275m	550m	550m	550m		
1000BASE-LX	1Gb/s	1310nm	2		550m	550m	550m	550m	550m	5km	5km
1000BASE-LX10	1Gb/s	850nm	2							10km	10km
1000BASE-BX10	1Gb/s	1310/1490nm	1							10km	10km
1000BASE-ZX	1Gb/s	1550	2	Not an IEEE standard						70km	70km
10GBASE-SR/SW	10 Gbit/s	850nm	2		26m	33m	82m	300m	400m		
10GBASE-LR/-LW	10 Gbit/s	1310nm	2							4.2km	10km
10GBASE-LRM	10 Gbit/s	1310nm	2		220m	220m	220m	220m	220m		
10GBASE-LX4	10 Gbit/s	1310nm	2	Not in general use.	300m	300m	300m	300m	300m	4.2km	10km
10GBASE-ER/-EW	10 Gbit/s	1550nm	2							8.9km	22.25km
10GBASE-ZR/-ZW	10 Gbit/s	1550nm	2	Not an IEEE standard							80km
40GBASE-SR4	40 Gbit/s	850nm	8					100m	150		
40GBASE-LR4	40 Gbit/s	1310nm	8							4.7km	10km
100GBASE-SR10	100 Gbit/s	850nm	20					100m	125m		
100GBASE-LR4	100 Gbit/s	1295-1310nm	2							8.3km	10km
100GBASE-LR10	100 Gbit/s	1310nm	2	Not an IEEE standard						8.3km	10km
100GBASE-ER4	100 Gbit/s	1295-1310nm	2							16km	40km