

			MM / Multimode		
			OM1	OM2	OM3
	Ethernet Typ	Wellenlänge			
100 Mbit/s	100Base-SX	850 nm	300 m	300 m	300 m
	100Base-FX	1310nm	2 km	2 km	2 km
1 Gbit/s	1000Base-SX	850 nm	300 m	500 m	1000 m
	1000Base-LX	1310 nm	550 m	550 m	550 m
	1000Base-LX10	1310 nm	550 m	550 m	550 m
	1000Base-BX10	1490 nm	x	x	x
	1000Base-EX	1310 nm	x	x	x
	1000Base-ZX	1550 nm	x	x	x
	1000Base-EZX	1550 nm	x	x	x
10Gbit/s	10GBase-SR	850 nm	30m	80m	300m
	10GBase-LR	1310 nm	x	x	x
	10GBase-LRM	1310 nm	220 m	220 m	220 m
	10GBase-ER	1550 nm	x	x	x
	10GBase-ZR	1550 nm	x	x	x
40Gbit/s	40GBase-SR4	850 nm	x	x	100 m
	40GBase-FR	1550 nm	x	x	x
	40GBase-LR4	1310 nm	x	x	x
	40GBase-ER4	1550 nm	x	x	x

	SM / Singlemode	
OM4	OS1	OS2
k.a.	x	x
2 km	10 km	10 km
1000 m	x	x
550 m	5 km	5 km
550 m	10 km	10 km
x	x	10 km
x	x	40 km
x	x	80 km
x	x	120 km
500m	x	x
x	10 km	10 km
220 m	x	x
x	40 km	40 km
x	80 km	80 km
125 m	x	x
x	x	2 km
x	x	10 km
x	x	40 km