



Fibre Cable Identification Chart

Wave Length		850nm OM1, OM2, OM3, OM4			850 to 953nm OM5**		
Data Rate Source		1Gbs VCSEL 1 Pair	10Gbs VCSEL 1 Pair	25Gbs VCSEL 1 Pair	40Gb/s Laser 4 pairs	100Gbs VCSEL 10 Pair	100Gb/s Laser 4 pairs
Distance	OM1	275m	33m	n/a	n/a	n/a	n/a
	OM2	550m	82m	n/a	n/a	n/a	n/a
	OM3	1000m	300m	70m	100m	100m	70m
	OM4	1100m	400m	100m	150m	150m	100m
	OM5**	n/a	400m	100m	150m	150m	100m

Indicative Link Lengths

Wave Length		1300nm OM1, OM2, OM3, OM4		1310nm OS1, OS2	
Data Rate Source		1Gb/s Laser	10Gb/s Laser	40Gb/s Laser CWDM	100Gb/s Laser WDM
Distance	OM1	550m*	300m	n/a	n/a
	OM2	550m*	300m	n/a	n/a
	OM3	550m	300m	n/a	n/a
	OM4	550m	300m	n/a	n/a
	OS1/2	5km	10km	10/40km	10/40km

*Using mode conditioning patch cord
Distances from IEEE 802.3 standards.

**Due for publication during 2018
We also offer ITU-T G.657 reduced bend sensitivity optical fibers and ITU-T G.655 NZDS optical fibers.

