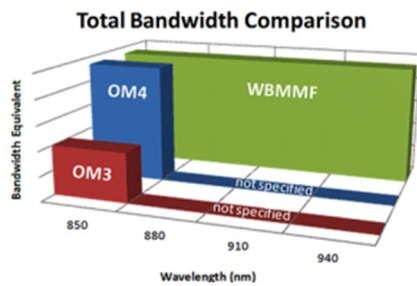


CP Technologies now offers OM5 Zipcord to its customizable product line. The cable is offered in Lime Green, 2.0mm, OFNP Plenum rated jacket, Bend Insensitive and uses Corning ClearCurve™.

# OM5 Zipcord

## WHY OM5?

Speeds as high as 25G and 100G Ethernet have already become mainstream in data centers, and the industry is working collaboratively on next-generation Ethernet development, such as 200G and 400G Ethernet.



Until recently, OM3 and OM4 (laser-optimized multimode fiber [LOMMF]) were the mainstream multimode fiber cabling choices to support 10G, 40G and 100G Ethernet, InfiniBand and Fiber Channel protocols.

Wideband multimode fiber (WBMMF) is an ANSI/TIA development that can deal with escalating data rates and the infrastructure required to support higher bandwidth. It uses wavelengths to increase each fiber's capacity by at least a factor of four, which allows at least a fourfold data-rate increase (or a fourfold reduction in the number of fibers required to achieve a given data rate. Instead of using four separate fibers to transmit four optical signals, the signals can be sent down one fiber over four separate operating windows.

Multimode Designation	Max Lengths			
	1 Gb/s	10 Gb/s	40/100 Gb/s	400 Gb/s
OM1	300m/984ft	30m/98ft	NA	NA
OM2	600m/1968ft	150m/492ft	NA	NA
OM3	1000m/3280ft	300m/984ft	100m/328ft	100m/328ft
OM4	1100m/3608ft	550m/1804ft	150m/492ft	150m/492ft
OM5	1100m/3608ft	550m/1804ft	150m/492ft	150m/492ft



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