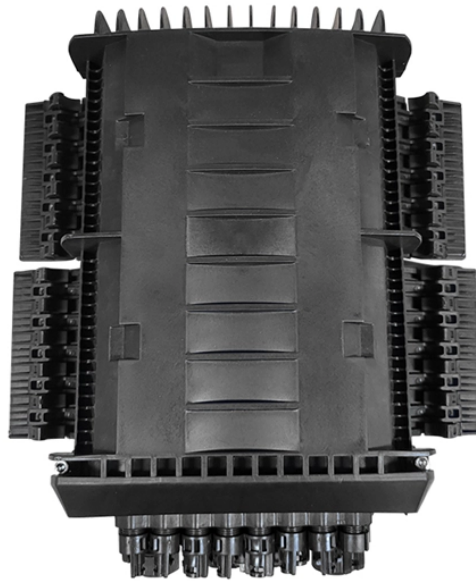


# Comparing OM4 and OM3 fiber optic cables



## Comparing OM4 and OM3 fiber optic cables



OM3 vs OM4 fiber optic cables explained. Compare performance, distances, and key differences for your network setup.



This post will illustrate the detailed comparison of OM3 vs OM4 in five main aspects such as OM3 vs OM4 bandwidth, speed, transmission distance, etc., and give guidance on how to choose ...



Learn the differences between OM3 and OM4 multimode fiber, including bandwidth, distance limits, and compatibility with 10G, 40G, and 100G network speeds.



OM3 Basics  
 OM4 Overview  
 Major Similarities Between The Two  
 The Primary Differences Between OM3 and OM4 Fiber  
 All of that said, when you're distinguishing between OM3 and OM4, there are a few keys that are worth noting. First is bandwidth. OM4 has more than double the bandwidth of OM3 (check the table below for specifics). And, even though the two cables achieve the same data transmission speeds, OM4 can do it at considerably longer distances. At 10G speed... See more on cables and kits

```
#slideexp1_E20B9C
.slide:last-child { margin-inline-end: 0; }
#slideexp1_E20B9C .slide>*:last-child { margin-bottom: unset !important; }
.b_acf_crsl
#slideexp1_E20B9Cc .b_slidebar .slide { box-shadow: unset; -webkit-box-shadow: unset; }
.b_acf_crsl.hovexp
#slideexp1_E20B9Cc.b_slideexp .b_overlay
.b_slidesContainer { overflow: visible !important; }
.b_acf_crsl.hovexp
#slideexp1_E20B9Cc.b_slideexp .b_overlay
.b_viewport, .b_acf_crsl.hovexp
#slideexp1_E20B9Cc.b_slideexp .b_viewport { padding-top: 12px !important; margin-top: -12px !important; padding-bottom: 12px !important; margin-bottom: -12px !important; }
.b_acf_crsl.hovexp
#slideexp1_E20B9Cc.b_slideexp .b_overlay
.b_viewport { padding-bottom: 24px !important; margin-bottom: -24px !important; }
Sponsored
```



Confused by Aqua cables? We break down the real limits of OM3 vs OM4 (300m vs 550m). Learn when to save money with OM3 and when you MUST upgrade to OM4 for 100G.



Compare OM1, OM2, OM3, OM4, and OM5 multimode fiber specs, distances, bandwidth, and applications. Essential guide for data center fiber selection.



Discover OM3 vs OM4 differences and their practical uses. Enhance your understanding of fiber optic cabling with our informative guide.



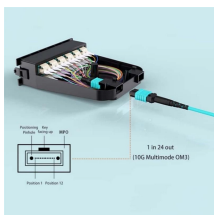
Learn the key differences between OM3 and OM4 fiber optic cables to understand their bandwidth capabilities and optical performance. Find out which one is right for your network needs.



In this guide, we will compare OM3 vs. OM4 fiber optic cables from both a technical and practical perspective, including: The core specifications and bandwidth differences



This comprehensive guide explores Multimode Fiber Cable Types, covering technical specifications, deployment scenarios, and best practices to help you optimize your fiber infrastructure ...



This article provides a detailed comparison of OM3 vs OM4 fiber optic cables, focusing on their role in multimode transceiver selection within data center and enterprise environments. Network ...

## Contact Us

For more information, pricing, or custom data center solutions, please contact us:

Website: <https://www.yoahorroenergia.es>

Email: [hello@yoahorroenergia.es](mailto:hello@yoahorroenergia.es)

Phone: +233 54 318 7269

Address: Plot 28, Spintex Road, Accra, Greater Accra, Ghana

This document is for informational purposes only. Specifications subject to change without notice.

