

Multimode OM3 Fiber Pigtails

These Pigtails are made of fiber cores below the outer jacket. Construction made of LSZH (low smoke zero halogen) thermoplastic Jacket. Pigtails are available in OM3 Multimode with multiple types of End Connector Offering.

The fiber cores are bend insensitive and connected with ceramic ferrule to provide ultra-low insertion and return loss. All Pigtails are 100% optically inspected and tested individually. Insertion loss and return loss values are available for every pigtail.



Standards

- ANSI/TIA-568.3-D
- ISO/IEC 11801
- TIA 604 FOCIS 3
- IEC 61300-3-4
- IEC 61300-3-6
- IEC 60874-1

Construction

Core/Clad Diameter (µm)	50/125
Coating Diameter (µm)	250±15
Outer Jacket Diameter (µm)	900±50
Jacket Material	Low Smoke Zero Halogen
Colour of Jacket	Aqua / Transparent
Connector Housing Colour	Beige
Boot Colour	White
Ferrule	Ceramic
Polishing	UPC
Standard Length (m)	1.5
Connector Housing & Boot Housing	Polycarbonate UL94V-0

Transmission Data

Fiber Type	Multimode (OM3) 50/125
Operating wavelength range (nm)	850/1300
Insertion Loss (dB)	≤ 0.3
Return Loss (Back Reflection) (dB)	≥ 35
Mating Durability for 1000 Cycles (dB)	≤ 0.2
Repeatability (dB)	≤ 0.1

Environmental

Transport and Storage	-20° to 75°C
Installation	4° to 50°C

Specifications published in this document are as per the current state of technology. Msys continuously works on improving our products, and reserves the right to change specifications without any prior notice. You may verify product specifications by contacting us on info@msysconnect.com. All Pictures are representation purpose only. Document No.: 6403EF-0015 V0 01/2022

© Msys Connect India Pvt. Ltd. All rights reserved.



Operation -20° to 75°C
Humidity 10% to 90% RH

Compliances

Flammability IEC 60332-1
Smoke density IEC 61034
Acid gas IEC 60754-1

How to Order

Description	Product Code
Fiber Optic Pigtail, OM3, LC, 1.5mtrs	640329-0015
Fiber Optic Pigtail, OM3, SC, 1.5mtrs	640309-0015
Fiber Optic Pigtail, OM3, ST, 1.5mtrs	640349-0015

Other Lengths and Types are available upon request.