



**OVERVIEW**

Zemecs Multimode OM1 LC pigtails comply with ITU-T G.651, ANSI/TIA 568-3.D, EIA/TIA 492-AAAB, IEC 60874-1, IEC 61754-7 and ISO/IEC 11801 standards. They enable splicing up to 10G fiber optic backbones inside panels or splice/distribution enclosures for indoor or outdoor use.

**MATERIAL SPECIFICATIONS**

COMPONENT	TYPE	MATERIAL	COLOUR
Connector	LC	Termoplastics	Beige
Boot	N/A	Polyester	Beige
Ferrule	N/A	Zirconia Ceramic	N/A
Jacket	Coated Fiber	LSOH	Orange

**PHYSICAL SPECIFICATIONS**

Core Diameter	62,5 ±2,5	µm.
Outer Diameter	0,90± 0,05	mm.
Length	1	m.

**MECHANICAL SPECIFICATIONS**

Bending Radius	30	mm., Min.
Pulling Tension Strength (IEC 60794-E1)	6(60)	Kg.(N.), Min.
Durability	1.000	Cycles
Crush Strength (IEC 60794-E1)	500	N./m.

**FEATURES**

- Return loss ≥50 dB
- LSOH (IEC 60332-1) jacket
- -40°C / +85 °C operation temperature
- RoHS 2011/65/EU compliant



**OPTICAL SPECIFICATIONS**

Insertion Loss @850nm.	0,30	dB., Max.
Return Loss	50	dB., Min.
Attenuation @850nm.	3,5	dB., Max.

**APPLICATIONS**

- Splicing in 10G and 1G fiber optic networks
- FTTx

**ENVIRONMENTAL SPECIFICATIONS**

Transportation and Storage Temperature	-40 / +85	°C
Installation Temperature	-40 / +85	°C
Operation Temperature	-40 / +85	°C
Relative Humidity	10 - 90, Non-condensing	%

**COMPLIANCE**

Generic Cabling And Cabling Components Standards			
• ITU-T G.651.1	• IEC 60874-1	• IEC 60754-2	
• ANSI/TIA 568-3.D	• IEC 61754-4	• IEC 61034	
• ISO/IEC 11801	• IEC 60794	• IEC 60793-2-10	
Standards For The Restriction Of Use Of Hazardous Substances In Electrical And Electronic Equipments			
• 2011/65/EU (RoHS-2)			

**PART NUMBER CODING**

Part Nr.	Product Description
F3M1-5Z4U	Zemecs Multimode OM1 LC LSOH Pigtail, 1m.*

\* May be delivered at different lengths on demand.

