

### Features

- Available in single mode or multimode fiber, from 2,4,6,8,12,16,24,48 & 96 cores
- Aramid yarn as strength member make cable have
- excellent tensile strength
- Excellent flexibility & easy to branch
- Cable complies with IEC60332-1-2:2015, IEC61034-2:2019, IEC60754-1:2019, IEC60793, IEC62321:2008, IEC62321-5, ITU-TG652



### Specifications

Model	Single Mode (OS2)	Multimode (OM3)	Multimode (OM4)	Multimode (OM5)
Fiber Type	G.652.D, 9/125 μm	50 / 125 μm	50 / 125 μm	50 / 125 μm
Attenuation (+20°C)	@850 nm	---	≤ 3.3 dB / km	≤2.3 dB / km
	@953 nm	---	----	---
	@1300 nm	---	≤ 1.2 dB / km	≤0.6 dB / km
	@1310 nm	≤ 0.36 dB / km	---	---
	@1550 nm	≤ 0.22 dB / km	---	---
Bandwidth	@850 nm	---	≥ 500 MHz.km	≥3500 MHz.km
	@953 nm	---	---	≥1850 MHz.km
	@1300 nm	---	≥ 500 MHz.km	≥500 MHz.km
Numerical Aperture	---	0.200 ± 0.015 NA	0.200 ± 0.015 NA	0.200 ± 0.015 NA
Non-Circularity of Core	≤ 6 %	≤ 6 %	≤ 6 %	≤ 6 %
Core / Cladding Dimension	9 / 125 μm	50 / 125 μm	50 / 125 μm	50 / 125 μm
Buffering Diameter	900 μm ± 50 μm	900 μm ± 50 μm	900 μm ± 50 μm	900 μm ± 50 μm
Fiber Coating Diameter	245 μm ± 7 μm	245 μm ± 7 μm	245 μm ± 7 μm	245 μm ± 7 μm
Tensile Strength Long / Short Term	300 / 600 N	300 / 800 N	300 / 800 N	300 / 800 N
Crush Resistance Long / Short Term	300 / 1000 (N/100mm)	300 / 1000 (N/100mm)	300 / 1000 (N/100mm)	300 / 1000 (N/100mm)
Bending Radius Dynamics / Static	20 / 10 D	7.5 D	7.5 D	7.5 D
Coating Strip Force	≤ 13.3	≤ 13.3	≤ 13.3	≤ 13.3
Operation Temperature	-20 °C ~ 60 °C	-20 °C ~ 60 °C	-20 °C ~ 60 °C	-20 °C ~ 60 °C

### How to Order :

MODEL	EG	XXX	XX	X
NO. OF CORE	MODE	JACKET		
001-096	<b>SM</b> : Single Mode OS2 <b>M1</b> : Multi-Mode OM1 <b>M2</b> : Multi-Mode OM2 <b>M3</b> : Multi-Mode OM3 <b>M4</b> : Multi-Mode OM4 <b>M5</b> : Multi-Mode OM5	<b>V</b> : PVC <b>Z</b> : LSZH		

Example:

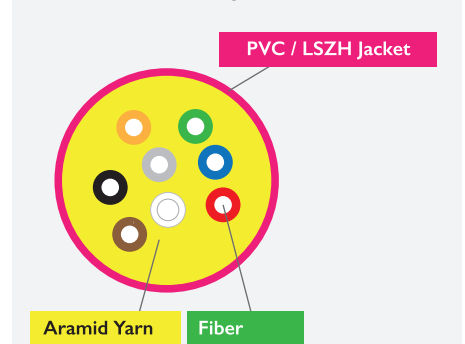
4-Core Single Mode Indoor LSZH Fiber Cable: **EG004SMZ**

4-Core Multimode OM3 Indoor LSZH Fiber Cable: **EG004M3Z**

8-Core Multimode OM4 Indoor PVC Fiber Cable: **EG008M4V**

16-Core Multimode OM5 Indoor LSZH Fiber Cable: **EG016M5Z**

### Cable Construction Diagram:



SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE.