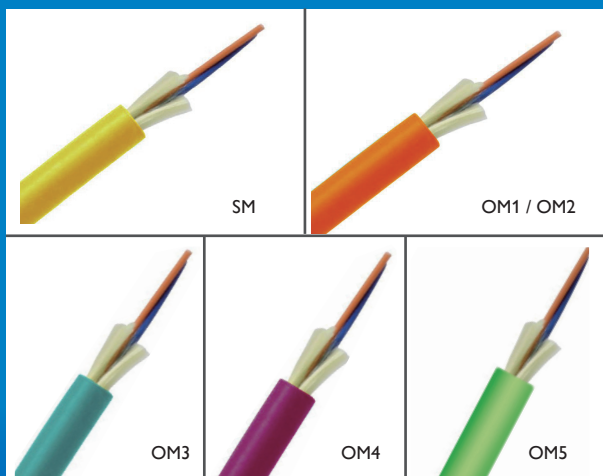




Features

- Available in single mode or multimode fiber, from 2,4,6,8,12,16,24,48, 96,108,120,132,144 &216 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	---	≤ 2.3 dB / km	≤ 2.4 dB / km
	@ 953 nm	---	---	≤ 1.7 dB / km
	@ 1300 nm	---	≤ 0.6 dB / km	≤ 0.6 dB / km
	@ 1310 nm	≤ 0.36 dB / km	---	---
	@ 1550 nm	≤ 0.22 dB / km	---	---
Bandwidth	@ 850 nm	≥ 1500 MHz.km	≥ 3500 MHz.km	≥ 3500 MHz.km
	@ 953 nm	---	---	≥ 1850 MHz.km
	@ 1300 nm	≥ 500 MHz.km	≥ 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	$\leq 6\%$	$\leq 6\%$	$\leq 6\%$	$\leq 6\%$
Core / Cladding Dimension	9 / 125 μm	50 / 125 μm	50 / 125 μm	50 / 125 μm
Buffering Diameter	$900 \mu\text{m} \pm 50 \mu\text{m}$	$900 \mu\text{m} \pm 50 \mu\text{m}$	$900 \mu\text{m} \pm 50 \mu\text{m}$	$900 \mu\text{m} \pm 50 \mu\text{m}$
Fiber Coating Diameter	$245 \mu\text{m} \pm 7 \mu\text{m}$	$245 \mu\text{m} \pm 7 \mu\text{m}$	$245 \mu\text{m} \pm 7 \mu\text{m}$	$245 \mu\text{m} \pm 7 \mu\text{m}$
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	001-096			
MODE	SM : Single Mode OS2 M1 : Multi-Mode OM1 M2 : Multi-Mode OM2 M3 : Multi-Mode OM3 M4 : Multi-Mode OM4 M5 : Multi-Mode OM5			
JACKET	V : PVC Z : LSZH			

Example:

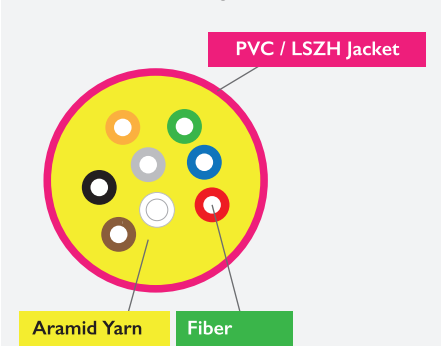
4-Core Single Mode Indoor LSZH Fiber Cable: **EG004SMZ**

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.