

Features

- Available in single mode or multimode fiber, from 2,4,6,8,12,16,24,48 & 96 cores
- Excellent mechanical and temperature performance
- 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

Indoor Fiber Cable EG Series



Specifications

Model	Single Mode	Multimode (OM3)	Multimode (OM4)
Fiber Type	G.652D / G.652A1 / G.652A2	50 / 125 μm	50 / 125 μm
Attenuation (+20°C)	@850nm	---	≤3.3 dB/km
	@1300nm	---	≤1.2 dB/km
	@1310nm	≤0.36 dB/km	---
	@1550nm	≤0.22 dB/km	---
Bandwidth	@850nm	≥500 Mhz.km	≥3500 Mhz.km
	@1300nm	≥500 Mhz.km	≥500 Mhz.km
Numerical Aperture	---	0.200 ± 0.015NA	0.200 ± 0.015NA
Cable Cut-off Wavelength (λ_{cc})	≤1260 nm	---	---
Non-Circularity of Core	≤1 %	≤1 %	≤1 %
Core / Cladding Dimension	9/125 μm	50/125 μm	50/125 μm
Buffering Diameter	900 μm ± 50 μm	900 μm ± 50 μm	850 μm ± 50 μm
Fiber Coating Diameter	245 μm ± 7 μm	245 μm ± 7 μm	245 μm ± 7 μm
Tensile Strength Long / Short Term (N)	3/6	3/6	3/6
Crush Resistance Long / Short Term (N/100mm)	100/500	100/500	100/500
Bending Radius Dynamics / Static (mm)	25/7.5	7.5	7.5
Coating Strip Force	≤13.3	≤13.3	≤13.3
Operation Temperature	-20°C~60°C	-20°C~60°C	-20°C~60°C

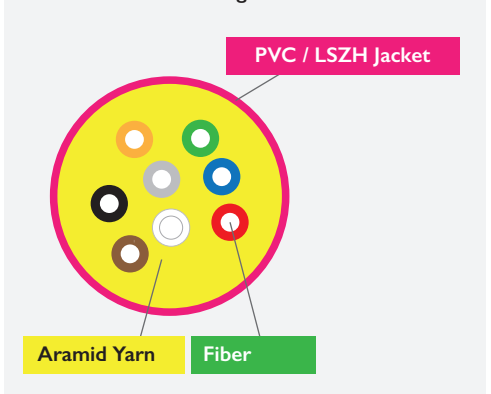
How to Order :

MODEL	EG	XXX	X	X	-	XXX
NO. OF CORE	MODE		JACKET		REMARKS	
001-096	S : Single Mode OS2 M : Multi-mode OM3		V : PVC Z : LSZH		OM4 : Multi-mode OM4	

Example:

- 4-Core Single Mode Indoor LSZH Fiber Cable: **EG004SZ**
- 4-Core OM3 Multimode Indoor LSZH Fiber Cable: **EG004MZ**
- 8-Core OM4 Multimode Indoor PVC Fiber Cable: **EG008MV-OM4**

Cable Construction Diagram:



SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE.