

Features

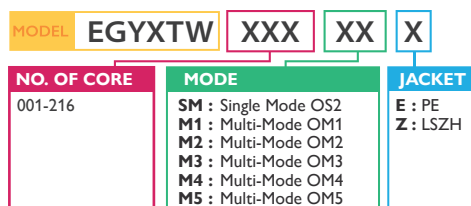
- Available in single mode or multimode fiber, from 2,4,6,8,12,16,24,48,96,108,120,132,144 & 216 cores
- High strength loose tube that is hydrolysis resistant
- Crush resistance and flexibility
- PSP enhancing moisture-proof
- Two parallel steel wires ensure tensile strength
- Cable complies with IEC60332-1-2:2015, IEC61034-2:2019 & IEC60754-1:2019



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
	@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	≥ 3500 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
Cable Cut-off Wavelength (λ _{cc})	≤ 1260 nm	---	---	---
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	1000 / 3000 N	1000 / 3000 N	1000 / 3000 N	1000 / 3000 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 :



Example:

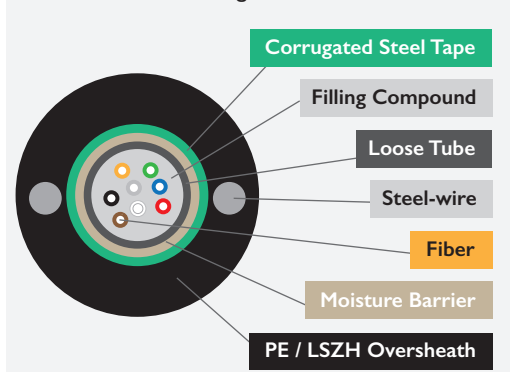
4-Core Single Mode Outdoor LSZH Fiber Cable: **EGYXTW004SMZ**

4-Core Multimode OM3 Outdoor LSZH Fiber Cable: **EGYXTW004M3Z**

8-Core Multimode OM4 Outdoor PE Fiber Cable: **EGYXTW008M4E**

16-Core Multimode OM5 Outdoor LSZH Fiber Cable: **EGYXTW016M5Z**

Cable Construction Diagram:



SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE.