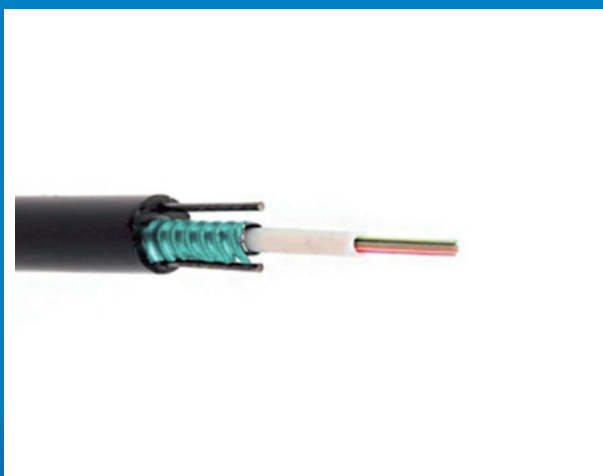




Features

- 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	---	$\leq 2.3 \text{ dB / km}$	$\leq 2.4 \text{ dB / km}$
	@ 1300 nm	---	$\leq 0.6 \text{ dB / km}$	$\leq 0.6 \text{ dB / km}$
	@ 1310 nm	$\leq 0.36 \text{ dB / km}$	---	---
	@ 1550 nm	$\leq 0.22 \text{ dB / km}$	---	---
Bandwidth	@ 850 nm	$\geq 1500 \text{ MHz.km}$	$\geq 3500 \text{ MHz.km}$	$\geq 3500 \text{ MHz.km}$
	@ 1300 nm	$\geq 500 \text{ MHz.km}$	$\geq 500 \text{ MHz.km}$	$\geq 500 \text{ MHz.km}$
Numerical Aperture	---	$0.200 \pm 0.015 \text{ NA}$	$0.200 \pm 0.015 \text{ NA}$	$0.200 \pm 0.015 \text{ NA}$
Cable Cut-off Wavelength (λ_{cc})	$\leq 1260 \text{ nm}$	---	---	---
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	$900 \mu\text{m} \pm 50 \mu\text{m}$	$900 \mu\text{m} \pm 50 \mu\text{m}$	$900 \mu\text{m} \pm 50 \mu\text{m}$	$900 \mu\text{m} \pm 50 \mu\text{m}$
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	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	$-20^\circ\text{C} \sim 60^\circ\text{C}$	$-20^\circ\text{C} \sim 60^\circ\text{C}$	$-20^\circ\text{C} \sim 60^\circ\text{C}$	$-20^\circ\text{C} \sim 60^\circ\text{C}$

How to Order :

MODEL	EGYXTW	XXX	XX	X
NO. OF CORE	001-216	MODE	JACKET	
		SM : Single Mode OS2 M1 : Multi-Mode OM1 M2 : Multi-Mode OM2 M3 : Multi-Mode OM3 M4 : Multi-Mode OM4 M5 : Multi-Mode OM5	E : PE Z : LSZH	

Example:

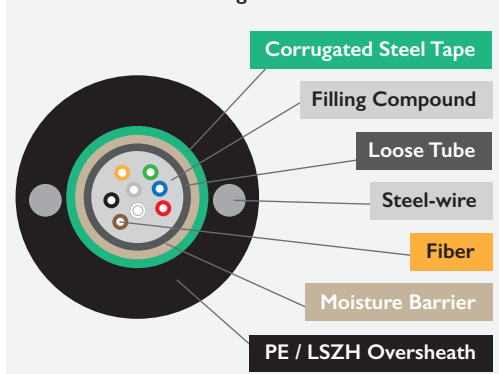
4-Core Single Mode Outdoor LSZH Fiber Cable: **EGYXTW004SMZ**

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.