

Features

- Available in single mode or multimode fiber, from 2,4,6,8,12,16,24,48,96,108,120,132,144 & 216 cores
- Good mechanical and temperature performance
- 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

Outdoor Fiber Cable
EGYXTW 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	---	≤2.3 dB/km
	@1310nm	≤0.36 dB/km	≤1.2 dB/km
	@1550nm	≤0.22 dB/km	≤0.6 dB/km
Bandwidth	@850nm	---	≥500 Mhz.km
	@1300nm	---	≥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	EGYXTW	XXX	X	X	-	XXX
NO. OF CORE	001-216					
MODE	S : Single Mode M : Multi-mode OM3					
JACKET	E : PE Z : LSZH					
REMARKS						OM4 : Multi-mode OM4

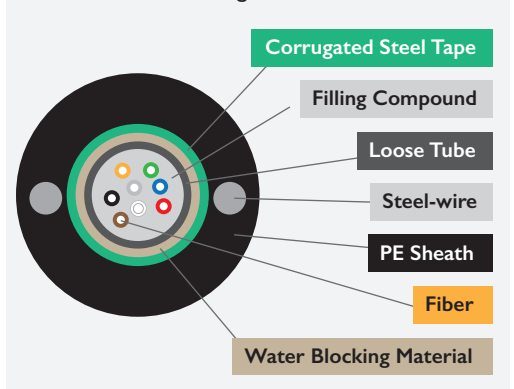
Example:

24-Core Single Mode Outdoor Fiber Cable with PE Jacket: **EGYXTW024SE**

24-Core OM3 Multimode Outdoor Fiber Cable with LSZH Jacket: **EGYXTW024MZ**

24-Core OM4 Multimode Outdoor Fiber Cable with PE Jacket: **EGYXTW024ME-OM4**

Cable Construction Diagram:



SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE.