

ODGYXTW Series

Unitube Outdoor 2-96 Cores Fiber Optic Cable

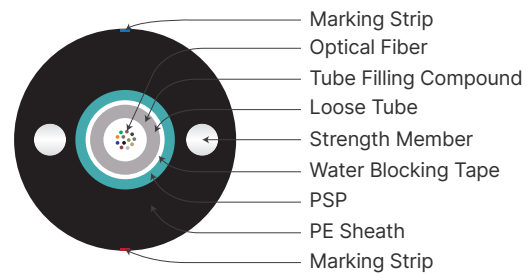
Features

- Good mechanical and temperature performance
- High strength loose tube that is hydrolysis resistant
- Special tube filling compound ensure a critical protection of fiber
- Crush resistance and flexibility, suitable for buried duct / indoor and outdoor installation
- PSP enhancing moisture-proof and long delivery length
- Two parallel strength members ensure tensile strength
- Small outer diameter, light weight and friendly installation
- Flame retardant: IEC60332-3-24



Technical Data

Tensile Strength (N)	
Short term	Long term
600	1500
Crush Resistance (N/100m)	
Short term	Long term
300	1000
Bending Radius (mm)	
Static	Long term
10D	20D



Optical Characteristics

		G.652	G.655	50/125μm	62.5/125μm
Attenuation (+20°C)	@ 850nm			≤3.0 dB/km	≤3.0 dB/km
	@ 1300nm			≤1.0 dB/km	≤1.0 dB/km
	@ 1310nm	≤0.36 dB/km	≤0.40 dB/km		
	@ 1550nm	≤0.22 dB/km	≤0.23 dB/km		
Bandwidth (Class A)	@ 850nm			≥500 MHz/km	≥200 MHz/km
	@ 1300nm			≥1000 MHz/km	≥600 MHz/km
Numerical Aperture				0.200±0.015NA	0.275±0.015NA
Cable Cut-off Wavelength		≤1260nm	≤1480nm		

Ordering Information

Product code	Core Quantity	Fiber Type	Sheath
ODGYXTW	XXX	XX	X
	002 - 2 Cores 004 - 4 Cores 006 - 6 Cores ⋮ 096 - 96 Cores	SM - Singlemode G657A, 9μm M1 - OM1, 62.5μm M2 - OM2, 50μm M3 - OM3, 50μm M4 - OM4, 50μm	- N/A L - LSZH

Example

ODGYXTW012M2 = GYXTW series outdoor multimode OM2, 50μm with 12 cores fiber optic cable.

ODGYXTW008SML = GYXTW series outdoor singlemode 9μm, 8 cores fiber optic cable with LSZH jacket.