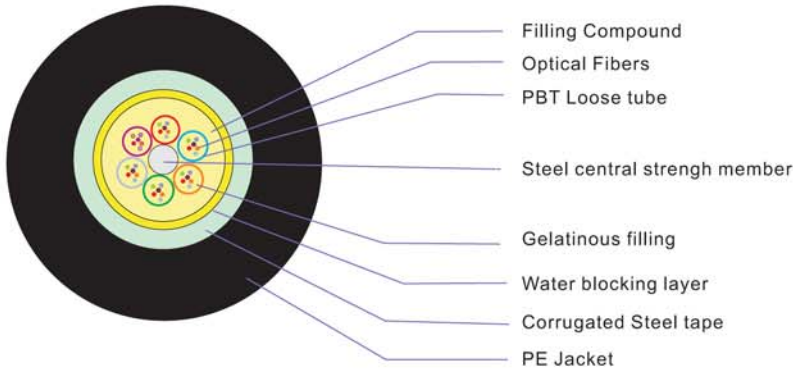


▶▶▶ Fiber Optic Outdoor cable



Description:

- Fiber Count: 2 - 288 cores
- Colored fiber:
- According to the standard chromatogram
- Diameter of Loose tube: $2.15\text{mm} \pm 0.050\text{mm}$
- No. of Loos Tube: 2-12
- Jacket Material: PE
- Jacket Color: Black
- GYTS Type

Feature:

- Up to 288 fibers
- Stranded loose tube, steel strength member cable
- Armored steel tape providing maximum anti-crush property
- Bullet resistant performance
- The loose tubes and all interstices of cable core filled with moisture-proof & water blocking compound ensure no longitudinal water ingress.

Application:

- Optic Access Network
- Local Area Network
- Telecommunication
- CCTV
- Suitable for Conduit, Aerial use

Singlemode Fiber Core Characteristics:

Item	Unit	Parameter
Attenuation	dB/km	1310nm \leq 0.4 1550nm \leq 0.3
Dispersion Coefficient	Ps/(nm.km)	1285-1340nm \leq 3.5 1550nm \leq 18
Zero Dispersion Wavelength	nm	1300-1324
Zero Dispersion Slope	Ps/nm ² .km)	\leq 0.095
Fiber cutoff wavelength	nm	\leq 1260
Cladding diameter	um	125 \pm 1.0
Cladding non-circularity	%	\leq 1.0
Coating diameter	um	245 \pm 1.0
Coating/cladding concentricity error	um	\leq 12.5
Proof test	offline	$>$ 100[kpsi]
Temperature Range(C)		-40C - +80C

Multimode Fiber Core Characteristics:

Item	Unit	Parameter
Attenuation	dB/km	850nm \leq 3.0 1300nm \leq 1.0
Overfilled Modal Bandwidth	MHZ.km	850 \geq 160 1300nm \geq 200
Core diameter	um	62.5 \pm 2.5
Cladding diameter	um	125 \pm 1.0
Cladding non-circularity	%	\leq 1.0
Coating/cladding concentricity error	um	\leq 12.5
Coating diameter	um	245 \pm 1.0
Bending dependence induced attenuation	850nm, 1300nm100 turns 75mm dia	\leq 0.5dB

Technology Characteristics:

Fiber count	Outside Diameter(mm)	Cable weight (kg/km)	Tensile load		Crush load		Bend radius	
			Short-term	Long-term	Short-term	Long-term	Dynamic	Static
2-60	10.5 \pm 0.05mm	112	1500	600	1000	300	20D	10D
62-72	11.5 \pm 0.05mm	138	2000	600	1000	300	20D	10D
74-96	13.0 \pm 0.05mm	165	2000	600	1000	300	20D	10D
98-144	15.8 \pm 0.05mm	222	2000	600	1000	300	20D	10D
144-288	18.8 \pm 0.05mm	384	2000	600	1000	300	20D	10D