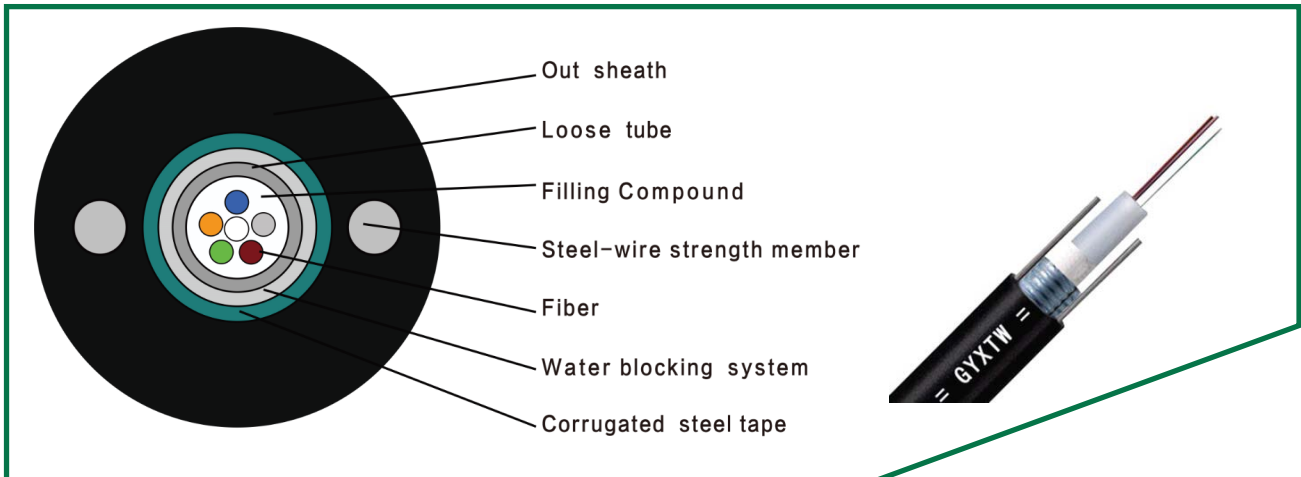


Part Number: PL-GYXTW-xxzz

Product Structure Diagram



Product Description :

GYXTW outdoor fiber optic cable, is also called single loose tube steel tape armored cable, is consisted of 250um fibers held in an gel filled central loose tube surrounded by water-blocking tape and encased in corrugated, polyethylene laminated steel tape. The cable features two parallel steel wire strength members encased in the PE outer jacket.

Application :

- Adapted to outdoor distribution.
- Suitable for external applications in ducts and aerial applications.
- Long distance and local area network communication.

Technical Specifications:

Product Parameters:

Cable Count (Core)	Out Sheath Diameter (MM)	Weight (KG)	Minimum Allowable Tensile Strength(N)		Minimum Allowable Crush Load (N/100mm)		Min Bending Radius (MM)		Suitable Temperature (°C)
			Short-term	Long-term	Short-term	Long-term	Short-term	Long-term	
2	8.3	78.00	1500	600	1000	300	20D	10D	-40 to +60
4	8.3	78.00	1500	600	1000	300	20D	10D	
6	8.3	78.00	1500	600	1000	300	20D	10D	
8	8.3	78.00	1500	600	1000	300	20D	10D	
12	8.3	78.00	1500	600	1000	300	20D	10D	
24	8.3	78.00	1500	600	1000	300	20D	10D	
36	8.3	78.00	1500	600	1000	300	20D	10D	

Fiber Optic System

Part Number: PL-GYXTW-xxzz

Fiber Characteristics:

Parameter	Unit	9/125 SMF-OS2	62.5/125 MMF -OM1	50/125 MMF -OM2	50/125 MMF -OM3	50/125 MMF -OM4
Attenuation	dB/Km	1310nm≤0.35 1550nm≤0.22	850 nm≤3.0 1300 nm≤0.8	850 nm≤3.0 1300 nm≤0.7	850 nm≤2.3 1300 nm≤0.7	850 nm≤2.3 1300 nm≤0.7
Dispersion	Ps/nm.km	1285-1330nm≤3.5 1550nm≤18.0	-	-	-	-
Fiber Diameter	um	9/125 um	62.5/125 um	50/125 um	50/125 um	50/125 um
Effective Modal Bandwidth	EMB	-	850 nm≥200	850 nm≥750	850 nm≥2000	850 nm≥4700
Zero Dispersion Wavelength	Nm	1300-1324	-	-	-	-
Zero Dispersion Slope	Ps/nm.km	≤0.095	-	-	-	-
Fiber Cutoff Wavelength	um	≤1260	-	-	-	-
Mode Field Diameter	um	@1310nm-9.2±0.4 @1550nm-10.4±0.8	-	-	-	-
Mode Field Concentricity	um	≤0.8	-	-	-	-
Cladding Diameter	um	125±1.0	125±2.0	125±1.0	125±1.0	125±1.0
Cladding Non-circularity	%	≤1.0	≤2.0	≤1.0	≤1.0	≤1.0
Coating/Cladding	um	≤12.5	≤12.5	≤12.5	≤12.5	≤12.5
Concentricity Error						
Coating Diameter	um	245±10	245±10	245±10	245±10	245±10

Part Number:

Part NO.	Description
PL-GYXTW-xxM1	xx Core Outdoor Optical Fiber Cable OM1
PL-GYXTW-xxM2	xx Core Outdoor Optical Fiber Cable OM2
PL-GYXTW-xxM3	xx Core Outdoor Optical Fiber Cable OM3
PL-GYXTW-xxM4	xx Core Outdoor Optical Fiber Cable OM4
PL-GYXTW-xxS2	xx Core Outdoor Optical Fiber Cable OS2