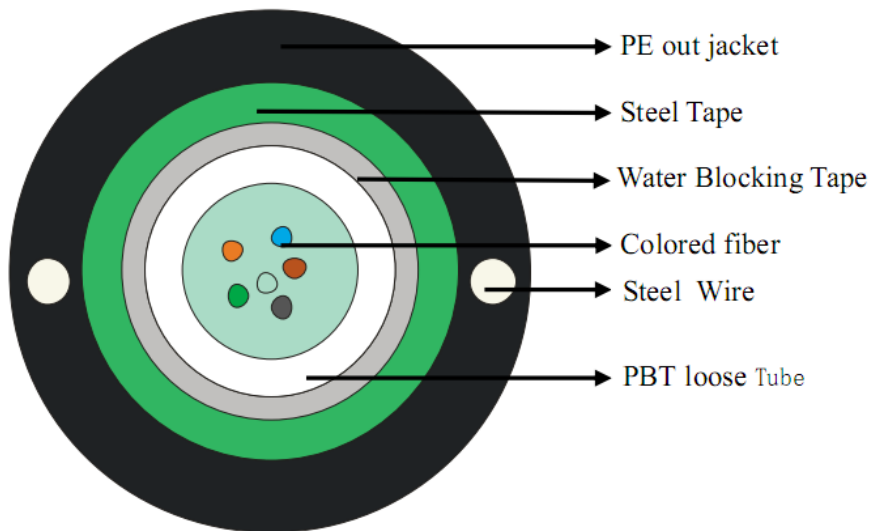


Outdoor Optical Cable PE Jacket



Technical Parameters - Single mode fiber

Item	Unit	Specification
Attenuation	Db/km	1310nm≤0.4 1550nm≤0.3
Dispersion	Ps/nm.km	1285~1330nm≤3.5 1550nm≤18.0
Zero dispersion wave length	Nm	1300~1324
Zero dispersion slope	Ps/nm.km	≤0.095
Fiber cutoff wavelength	Nm	≤1260
Mode field diameter	Um	8.6±0.5
Mode field concentricity	Um	< = 0.8
Cladding diameter	Um	125±1.0
Cladding non-circularity	%	≅ 1.0
Coating/cladding concentricity error	Um	≅ 12.5
Coating diameter	Um	245±10
Bending, dependence attenuation	Induced 1550nm,1turns,32mm diameter,100rums,60mm diameter	≅0.5db
Proof test	Kpsi	≅ 100

Technical Parameters – Multi-mode fiber

Item	Unit	Specifications
Attenuation	Db/km	850nm $\leq$ 3.0 1300nm $\leq$ 1.0
Bandwidth	MHz·km	50/125um 62.5/125um 850nm $\geq$ 200 850nm $\geq$ 160 1300nm $\geq$ 200 1300nm $\geq$ 200
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 $\pm$ 10
Bending, dependence attenuation	Induced 850nm, 1300nm 100turns ,75mm diameter	$\leq$ 0.5 at 850nm \1300nm
Proof test	Kpsi	$\geq$ 100

General Specification:

- 1) Number of fiber: 2-12
- 2) Characteristic of fiber:
 - Color: 12 different colors according to the chromatogram
- 3) The outer diameter of PBT loose tube:
 - $\varnothing$ 2.15 $\pm$ 0.1mm
- 4) Steel tape
- 5) Steel wire
- 6) Out jacket Material: PE
- 7) OD: 8.0 $\pm$ 0.3mm

Application:

Model	Fiber account	OD(mm)	Tube account	Nominal Weight (kg/km)	Max.Tension (N)		Max.Resistance Crushing (N/100)	
					Short-term	Long-term	Short-term	Long-term
GYXTW	2--12	8.0 $\pm$ 0.3	1	63	2700	900	3000	1000

- 1) The true weight of optical cable may has some tolerance with the above stated values.
- 2) Temperature range
 - Storage or transportation: - 40 ~ 70°C
 - Operation: - 40 ~ 70°C

Package and Shipping Mark

Printing at out jacket of optical cable

White color printing words at each meter distance, standard printing content as following, also can customized printing as per customer's requirements.

- 1) Meter mark
- 2) Style of optical cable and fiber account
- 3) Manufacturer name
- 4) Manufacturer date
- 5) Package of optical cable
 - Standard length is 2KM per drum, other length requirement is acceptable.
 - Can be packed in wooden drum or plywood drum

Wooden drum

Label will be sticked at wooden drum, content as follow

- 1) Style of optical cable and fiber account
- 2) Length
- 3) Gross weight KGS
- 4) Total drums amount
- 5) Manufacturer date
- 6) The following information also will be exposed at the wooden drum
 - Rolling direction
 - Optical cable rolling tightly with the wooden drum, in order to prevent it will be broken during transportation.

For More Information:

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