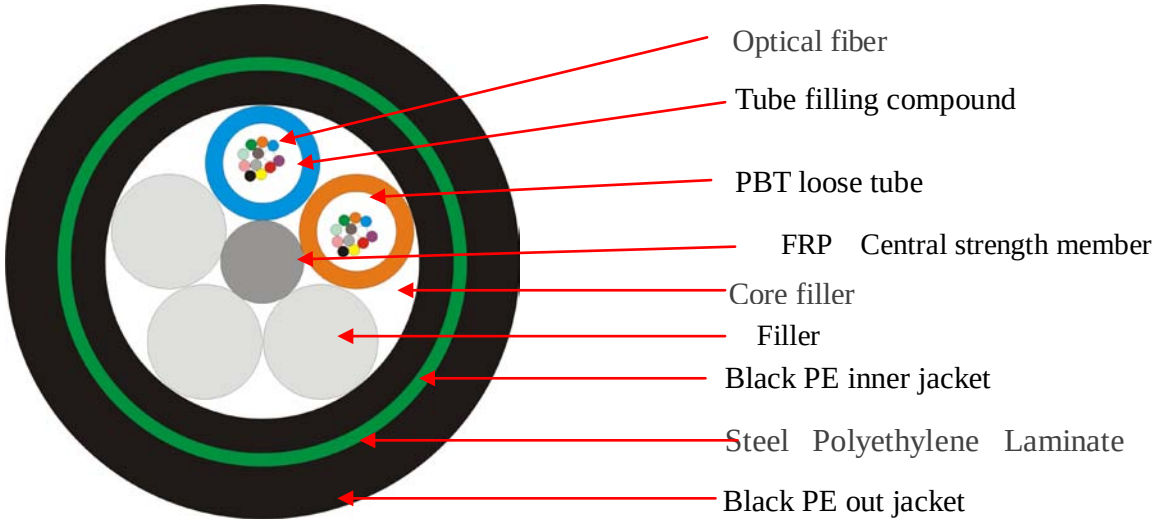
Specification

GYFTY53 2-60 Core Outdoor Optical Cable

Product structure diagram



Construction

1. Colored fiber
   Coated outside diameter：125.0±0.1um
   Optical fiber diameter：242±7um
   UV color fiber: Standard chromatogram
   -Blue,Orange,Green,Brown,Gray/Slate,White,Red,Black,Yellow,Violet,Rose/Pink,Aqua
2. Tube filling compound(Gel)
3. PBT loose tube
4. FRP Central strength member
5. Core filler
6. Black PE inner jacket Outside diameter： 7.5±0.2mm
7. Steel Polyethylene Laminate
8. Filler
9. Black PE out jacket Outside diameter： 12.0±0.2mm

Parameters of fiber

Optical fiber type	Unit	SM G652	SM G652D	MM 50/125	MM 62.5/125	MM OM3-300
Waveband	nm	1310/1550	1310/1550	850/1300	850/1300	850/1300
Attenuation	dB/km	0.36/0.23	0.36/0.23	3.0/1.0	3.0/1.0	3.0/1.0

Product parameters

Performance	Long-term	Short-term
Max. Tension（N）	600	1500
Max. Crushing Resistance(N/100mm^2)	70	200
Min. Bending Radius	30D（Dynamic）	15D(Static)
Storage and operating temperature	－40℃－＋70℃	

Appearance and packaging

1. No damage on the surface; no trachoma.
2. Wooden tray packaging; wood whole seal packaging
3. Segment length: no less than 1000M. The segment length of each tray of the same batch shall be similar as much as possible. Other lengths can be agreed upon through consultation.
4. Report certificate: It includes optical cable inspection number, optical cable type, core number, optical fiber type, length, etc