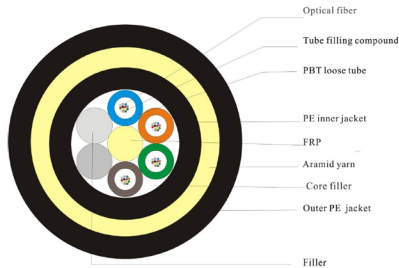


## ADSS 24 Core Outdoor Optical Cable



### Construction

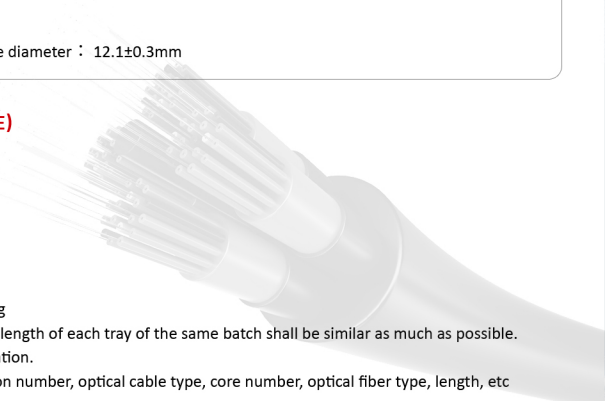
1. Colored fiber  
 Coated outside diameter: 125.0±0.1um  
 Optical fiber diameter: 242±7um  
 UV color fiber: Standard chromatogram  
 -Blue,Orange,Green,Brown,Gray/Slate,White,Red,Black,Yellow,Violet,Rose/Pink,Aqua
2. Tube filling compound(Gel)
3. PBT loose tube:2.2mm
5. PE inner jacket
6. FRP Central strength member:2.2mm
7. Aramid yarn
8. Core filler: Jelly
9. Filler: 2.2mm
- 10.Black PE out jacket | Outside diameter : 12.1±0.3mm

### PRODUCT PARAMETERS (PERFORMANCE)

- Span (m): 100
- Storage and operating temperature: -40°C +70°C
- Min. Bending Radius: 30D (Dynamic), 15D (Static)

### APPEARANCE AND PACKAGING

- No damage on the surface; no trachoma.
- Wooden tray packaging; wood whole seal packaging
- 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.
- Report certificate: It includes optical cable inspection number, optical cable type, core number, optical fiber type, length, etc



## PARAMETERS OF FIBER

Fiber style		Unit	SM G652	SM G652D
Condition		nm	1310/1550	1310/1550
Attenuation		dB/km	0.36/0.23	0.36/0.23
Dispersion	1550nm	Ps/(nm*km)	---	≤18
	1625nm	Ps/(nm*km)	---	≤22
Bandwidth	850nm	MHZ .km	---	---
	1300nm	MHZ .km	---	---
Zero dispersion wavelength		nm	1300-1324	≥1302, ≤1322
Zero dispersion slope		nm	≤0.092	≤0.091
PMD Maximum Individual Fiber			≤0.2	≤0.2
PMD Design Link Value		Ps/(nm <sup>2</sup> *km)	≤0.12	≤0.08
Fiber cutoff wavelength λ <sub>c</sub>		nm	≥1180, ≤1330	≥1180, ≤1330
Cable cutoff wavelength λ <sub>cc</sub>		nm	≤1260	≤1260
Mode field diameter(MFD)	1310nm	um	9.2±0.4	9.2±0.4
	1550nm	um	10.4±0.8	10.4±0.8