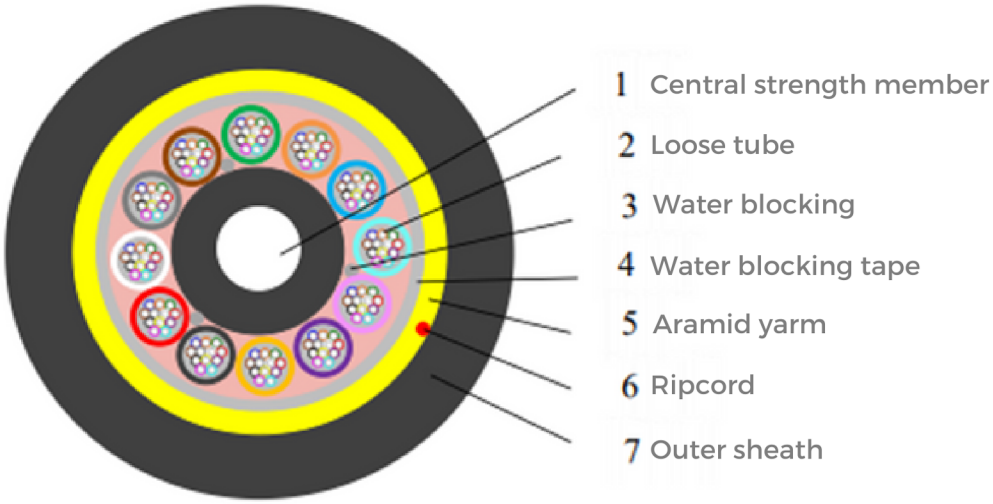
Optical Fiber Cable
ADSS-144B1.3-PE-100M

Structure:



Applications:

- External cable distribution
- Adapted to core network, access network and fiber to the home (FTTH)
- SPAN 100m, 4km reel, G.652D standar



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Specifications

1. Construction of the cable

1	**Center Strength Member**		FRP	6.8+/-0.1
2	**Fiber Unit**	Loose Tube	PBT	2.0+/-0.1
		Fiber	144 Single Mode Fibers	G652D
		Fiber Quantity	12 Pcs Fiber× 12 Loose Tubes	
		Fiber Color	Blue、Orange、Green、Brown、Gray、White 、Red、Black、Yellow、Purple、Pink、Aqua	
		Loose Tube Color	Blue、Orange、Green、Brown、Gray、White 、Red、Black、Yellow、Purple、Pink、Aqua	
		Filling（Fiber Jelly）	Thixotropy Jelly	
3	**Water Blocking**		Water Blocking Yarn	
4	**Water Blocking**		Water Blocking Tape	
5	**Strength Member**		Aramid Yarns	
6	**Rip Cord**		1 Pcs	
7	**Outside Sheath**		PE	16.0 +/- 0.5

2. Mechanical and physical characteristics of the cable

Item		**Unit**	**Parameter**
Cable Standard Weight		kg/km	192
Rated Tensile Strength(RTS)		KN	8.9
Maximum Allowable Tension(MAT)		KN	3
Every Day Strength(EDS)		KN	2.25
Min-Bending Radius	Short-Term	mm	20D
	Long-Term	mm	10D
Crush Performance	Short-Term	N/100mm	1000
	Long-Term	N/100mm	300
Suiting Line Voltage Class		Not more than 35 kV	
Span		m	100
Suitable Meteorological Condition		Max wind speed: 25m/s, No icing	
Operation	When working or in store	℃	-40℃-+70℃
Temperature	When Laying	℃	-10℃-+50℃
Fiber Attenuation Coefficient in Cable		dB/km(1310nm)	≤0.36dB/km
		dB/km(1550nm)	≤0.22dB/km