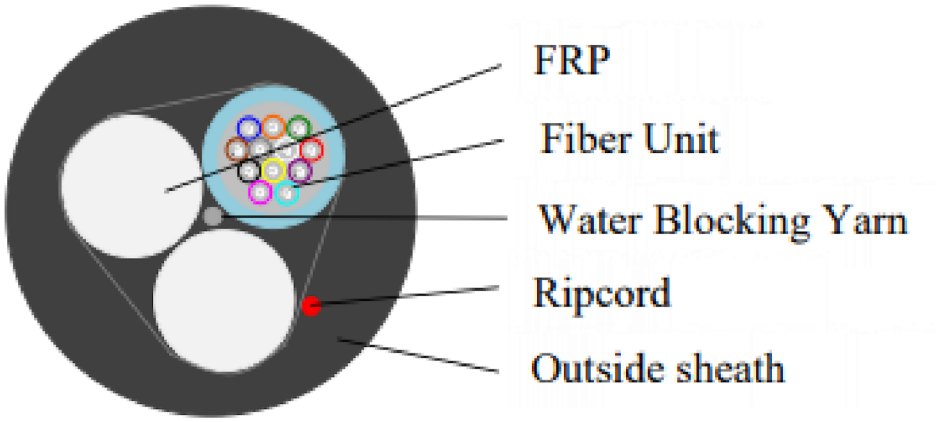
Optical Fiber Cable
ASU-100M-6/12C

Structure:



Applications:

- External cable distribution
- Adapted to core network, access network and fiber to the home (FTTH)
- SPAN 100m, 3km reel, G.652D standar



www.fibersystems.com.ve

Specifications

1. Construction of the cable

1	Strength member		FRP*2 2.0mm
2	Fiber Unit	a) Loose Tube	PBT (Polybutylene terephthalate) 2.1mm
		b) Fiber	2-12 Single mode Fibers - G.652D
		c) Fiber Quantity	2-12 pcs Fibers x 1 Loose tube
		d) Fiber Color	Blue、Orange、Green、Brown、Gray、White、Red、Black、Yellow、Purple、Pink、Aqua
		e) Loose Tube Color	Natural
		f) Filling (Fibre Jelly)	Thixotropy jelly
3	Water Blocking		Water Blocking Yarn
4	Rip-cord		1
5	Outside sheath		HDPE (6.8 ± 0.3)

2. Mechanical and physical characteristics of the cable

Item		Unit	Parameter
Cable Standard Weight		Kg/km	40
Tension (Short Term)		N	1000
Tension (Long Term)		N	500
Crush performance	Short-term	N/100mm	1000
	Long-term	N/100mm	350
Span		m	100
Operation	When working or in store	°C	-20°C ～ +65°C
Temperature	When laying	°C	-10°C ～ +50°C
Fiber Attenuation coefficient in Cable		dB/km(1310nm)	≤ 0.36dB/km
		dB/km(1550nm)	≤ 0.22dB/km