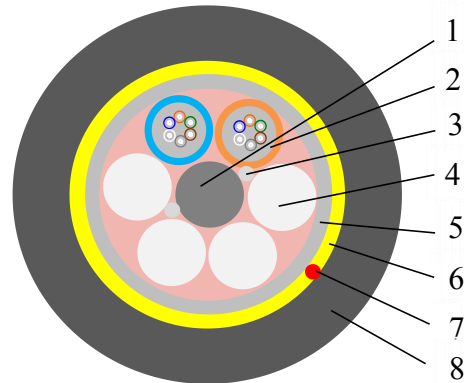


## ADSS-12B1.3-PE-80M CABLE



Cable Section Sketch Map

1	Center strength member	FRP	1.5+/-0.1	
2	Fiber Unit	a)Loose tube	PBT ( Polybutylece terephthalate )	2.0+/-0.1
		b)Fiber	12 Single mode Fibers	G652D
		c)Fiber Quantity	6 pcs Fiber× 2 loose tubes	
		d ) Fiber color	Blue、 Orange、 Green、 Brown、 Gray、 White	
		e)Loose Tube Color	Blue 、 Orange	
		f)Filling ( Fiber jelly )	Thixotropy jelly	
3	Water Blocking	Water Blocking Yarn		
4	Filler	3pcs	2.0+/-0.1	
5	Water Blocking	Water Blocking Tape		
6	Strength member	Aramid yarns		
7	Rip Cord	1 pcs		
8	Outside sheath	PE	9.3+/-0.5	



## Technical Data Sheet

Item		Unit	Parameter
Cable Standard Weight		kg/km	65
Rated Tensile Strength(RTS)		N	4000
Maximum Allowable Tension(MAT)		N	1500
Every Day Strength(EDS)		N	900
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	80
Suitable meteorological condition		Max wind speed: 25m/s, No icing	
Operation	When working or in store	°C	-40°C - +70°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