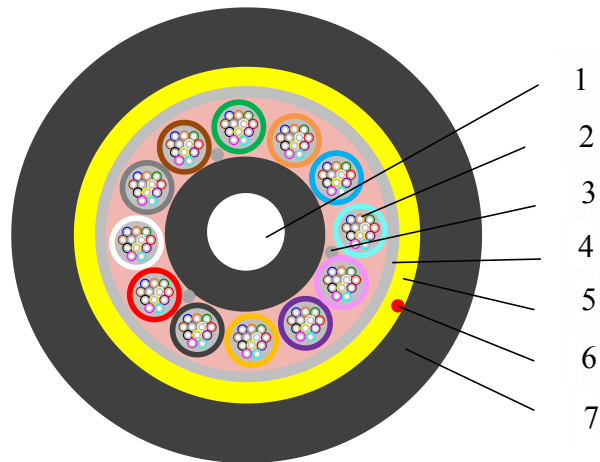




## ADSS-144B1.3-PE-80M CABLE



Cable Section Sketch Map

1	Center Strength Member		FRP+PE	6.8+/-0.2
2	Fiber Unit	Loose Tube	PBT	2.3+/-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 )	Thixotropic Jelly	
3	Water Blocking		Water Blocking Yarn	
4	Water Blocking		Water Blocking Tape	
5	Strength Member		Aramid Yarns	
6	Ripcord		1Pcs	
7	Outer Sheath		PE	15.6+/-0.5



## Technical Data Sheet

Item		Unit	Parameter
Cable Standard Weight		kg/km	189
Rated Tensile Strength(RTS)		N	8700
Maximum Allowable Tension(MAT)		N	2800
Every Day Strength(EDS)		N	2050
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