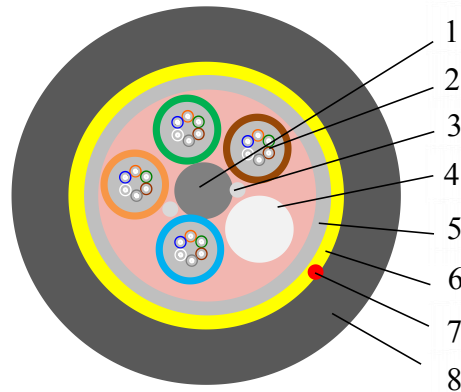


## ADSS-48B1.3-PE-80M CABLE

1



Cable Section Sketch Map

1	Center strength member	FRP	1.8+/-0.1
2	Fiber Unit	a)Loose tube	PBT ( Polybutylece terephthalate ) 2.3+/-0.1
		b)Fiber	48 Single mode Fibers G652D
		c)Fiber Quantity	12 pcs Fiber× 4 loose tubes
		d ) Fiber color	Blue、 Orange、 Green、 Brown、 Gray、 White 、 Red、 Black、 Yellow、 Purple、 Pink、 Aqua
		e)Loose Tube Color	Blue、 Orange、 Green、 Brown
		f)Filling ( Fiber jelly )	Thixotropy jelly
3	Water Blocking	Water Blocking Yarn	
4	Filler	1pcs	2.3+/-0.1
5	Water Blocking	Water Blocking Tape	
6	Strength Member	Aramid yarns	
7	Rip Cord	1 pcs	
8	Outside Sheath	PE	10.3+/-0.5



## Technical Data Sheet

Item		Unit	Parameter
Cable Standard Weight		kg/km	80
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