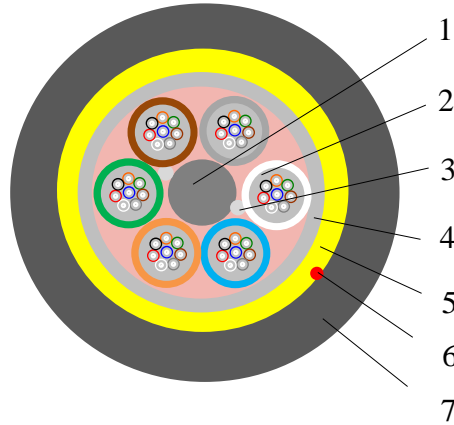




ADSS-48B1.3-PE-100M CABLE



Cable Section Sketch Map

1	Center Strength Member		FRP	2.1+/-0.1
2	Fiber Unit	Loose Tube	PBT	2.0+/-0.1
		Fiber	48 Single Mode Fibers	G652D
		Fiber Quantity	8 Pcs Fibers× 6 Loose Tubes	
		Fiber Color	Blue、 Orange、 Green、 Brown、 Gray、 White 、 Red、 Black	
		Loose Tube Color	Blue、 Orange、 Green、 Brown、 Gray、 White	
		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	10.3+/-0.5



Technical Data Sheet

Item		Unit	Parameter
Cable Standard Weight		kg/km	80
Rated Tensile Strength(RTS)		KN	4.2
Maximum Allowable Tension(MAT)		KN	1.6
Every Day Strength(EDS)		KN	1.05
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	°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