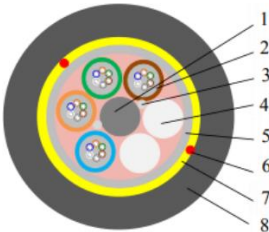


CABLE ADSS-24H

SPAN 200



ADSS-24B1.3-PE-200M CABLE



Cable Section Sketch Map

1	Center strength member		FRP	2.1+/-0.1
2	Fiber Unit	a)Loose tube	PBT (Polybutylece terephthalate)	2.0+/-0.1
		b)Fiber	24 Single mode Fibers	G652D
		c)Fiber Quantity	6 pcs Fiber× 4 loose tubes	
		d) Fiber color	Blue、 Orange、 Green、 Brown、 Gray、 White	
		e)Loose Tube Color	Blue、 Orange、 Green、 Brown	
		f)Filling (Fibre jelly)	Thixotropy jelly	
3	Water Blocking		Water Blocking Yarn	
4	Filler		2 pcs	2.0+/-0.1
5	Water Blocking		Water Blocking Tape	
6	Rip-cord		2	
7	Strength member		Aramid yarns	
8	Outside sheath		PE	10.0+/-0.5



CABLE ADSS-24H

SPAN 200



Technical Data Sheet

Item		Unit	Parameter
Cable Standard Weight		kg/km	101
Rated Tensile Strength(RTS)		N	6900
Maximum Allowable Tension(MAT)		N	2700
Every Day Strength(EDS)		N	1750
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	200
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

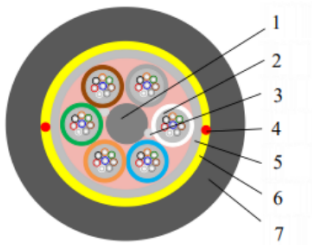


CABLE ADSS-48H

SPAN 200



ADSS-48B1.3-PE-200M CABLE



Cable Section Sketch Map

1	Center strength member		FRP	2.3+/-0.1
2	Fiber Unit	a) Loose tube	PBT (Polybutylece terephthalate)	2.3+/-0.1
		b) Fibre	48 Single mode Fibers	G652D
		c) Fibre Quantity	8 pcs Fibers× 6 loose tubes	
		d) Fiber color	Blue、Orange、Green、Brown、Gray、White 、Red、Black	
		e) Loose Tube Color	Blue、Orange、Green、Brown、Gray、White	
		f) Filling (Fiber jelly)	Thixotropy jelly	
3	Water Blocking		Water Blocking Yarn	
4	Rip-cord		2	
5	Water Blocking		Water Blocking Tape	
6	Strength member		Aramid yarns	
7	Outside sheath		PE	11.2+/-0.5
8	Thickness		1.7mm	



CABLE ADSS-48H

SPAN 200



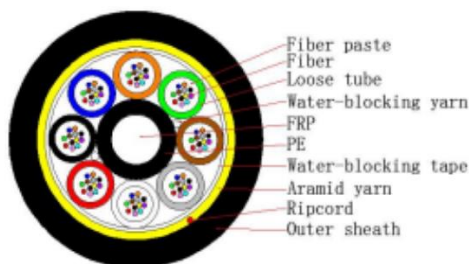
Technical Data Sheet

Item		Unit	Parameter
Cable Standard Weight		kg/km	95
Rated Tensile Strength(RTS)		N	7500
Maximum Allowable Tension(MAT)		N	3000
Every Day Strength(EDS)		N	1900
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	200
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



CABLE ADSS-96 H

SPAN 200



Identification of product ADSS.BK.IEC.24090741	
Product application	Product information
Aerial installation	Fiber core 96C Fiber G652D Fiber Color Code Blue, Orange, Green, Brown, Grey, White, Red, Black, Yellow, Violet, Pink, Turquoise Loose tube color Blue, Orange, Green, Brown, Grey, White, Red, Black, Yellow, Violet, Pink, Turquoise Structure 1+8 Number of Loose tube 8 Fiber quantity per tube 12 Loose tube diameter 2.3 ± 0.1 mm Central strength member FRP with PE coated (if needed) and size $2.5/3.8 \pm 0.2$ Filler number 0 Water blocking mode Water-blocking yarn+Water-blocking tape Strength member Aramid yarns Ripcord 1 PC Cable diameter 12.6 ± 0.3 mm Outer sheath material MDPE Cable color Black Weight 121kg/km Cable tray length 4KM Attenuation 1310nm: 0.36dB/km; 1550nm: 0.22dB/km Meteorological condition 1.Wind: 25m/s 2.Ice: 0mm 3.Sag: 1.5% 4.Span: 200M MAT 3600N Cable marking 1.Indication in meters; 2.Quantity and type of fibers; 3.Factory name; 4.Date of manufacturing (year); 5.Other requirements

Reference specification

- IEC 60794-1-21

Packaging

- Container: 1350*500*740mm

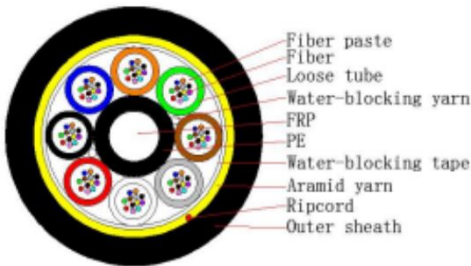
Properties of products

Tensile Strength	- Short term: 3600N	- Fiber strain $\leq 0.33\%$ - Loss change ≤ 0.1 dB@1550nm after test. - No fiber break and no sheath damage.
	- Short term: 2200N/100mm - Long term: 1000N/100mm	- Loss change ≤ 0.1 dB@1550nm after test. - No fiber break and no sheath damage.
Crush Test	- Radius: 300 mm	- Loss change ≤ 0.1 dB@1550nm after test. - No fiber break and no sheath damage.
Impact Test	- Impact height: 1m - Weight: 450g	



CABLE ADSS-96 H

SPAN 200



Identification of product ADSS.BK.IEC.24090741

- Number: 5 points,once per point

Repeated	- Bending radius: 20 x D	- Loss change $\leq 0.1\text{dB}@1550\text{nm}$ after test.
	- No. of cycle: 30	- No fiber break and no sheath damage.
	- Load: 150N	
Torsion	- Cycles: 10	
	- Length under test: 1.0 m	- Loss change $\leq 0.1\text{dB}@1550\text{nm}$ after test.
	- Turns: $\pm 180^\circ$	- No fiber break and no sheath damage.
Temperature Cycling	- Load: 150N	
	- Temperature: $-40^\circ\text{C} \sim +70^\circ\text{C}$	- Loss change $\leq 0.1\text{dB}@1550\text{nm}$ after test.
	- Time of each step: 12h	- No fiber break and no sheath damage.
Water Penetration	- Number of cycle: 2	
	- Height of water: 1m	- No water leak from the cable core of the opposite end.
	- Sample length: 3m	
	- Time: 24h	

