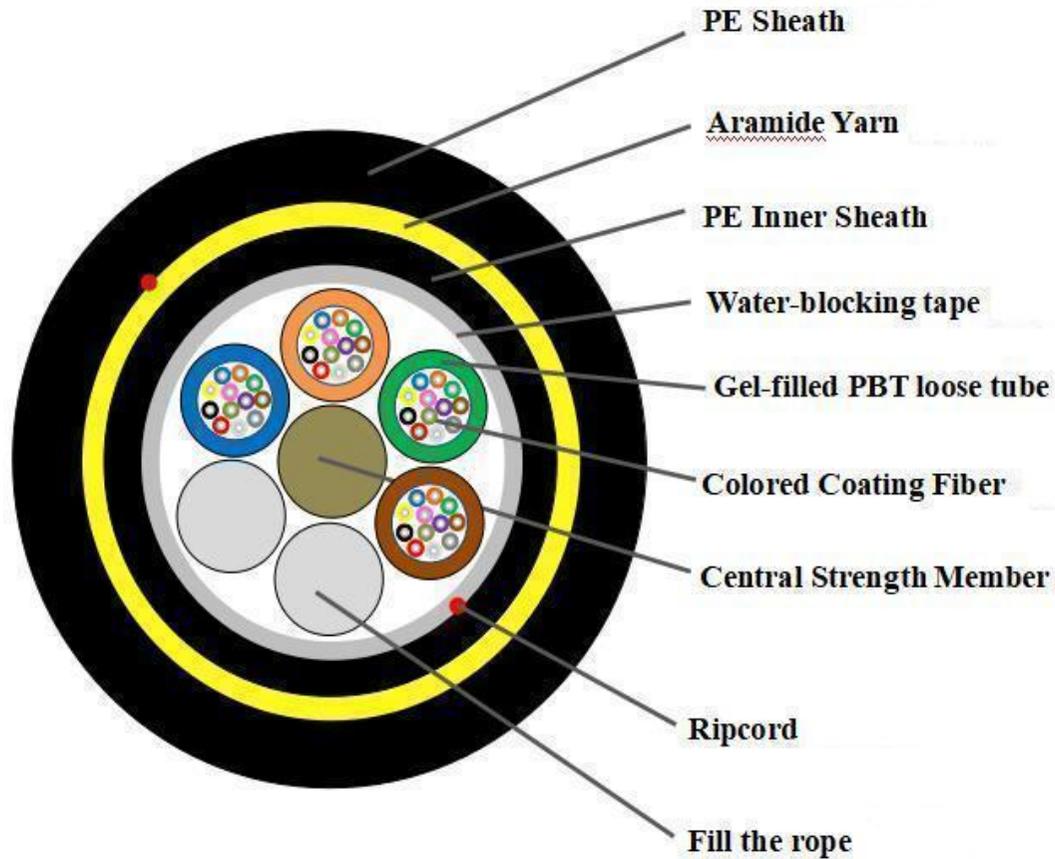


ADSS All-dielectric Self-supporting Cable (ADSS--HDPE--120M)



Specification parameter

Fibers:	6Fibers	12Fibers	24Fibers	48Fibers
No. of Tube	1	1	2	4
No. of fiber/Tube	6 Fibers	12 Fibers		
Fibers color	Blue, Orange, Green, Brown, Gray, White	Blue, Orange, Green, Brown, Gray, White, Red, Black, Yellow, Purple, Pink, Aqua		
Loose Tube Diameter	2.0 mm			

Loose Tube Material	PBT			
Filling compound (Tube)	Thixotropic Jelly			
Tubes color	Blue	Blue	Blue/Orange	Blue/Orange/Green/Brown
FRP Strength Member Diameter	2.0mm			
The water-blocking material	Water Blocking yarn/Water Blocking tape			
Inner sheath	MDPE			
Inner Sheath Diameter	8.6±0.2mm			
Tensile element	Aramide yarn			
Aramid Yarn Section	4.6mm ²			
Out Sheath Diameter Thickness	1.8mm			
Cable Diameter	12.0±0.3 mm			
Cable Weight	100kg/km	100kg/km	100kg/km	102kg/km
Out sheath	HDPE			

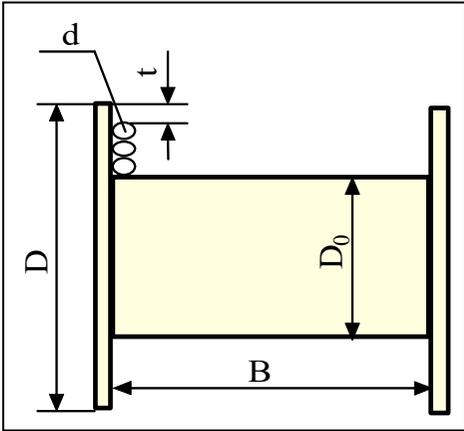
Optical Fiber Parameter	
Fiber Type	G652D
Mode Field Diameter	8.6~9.5±0.7μm
Cladding Diameter	125 ± 1μm
Cladding Non-Circularity:	≤ 1%

Coating Diameter	245 ± 10μm
Attenuation Coefficient	≤ 0.36dB/km at 1310nm, ≤ 0.22dB/km at 1550nm
Chromatic Dispersion	≤3.5ps/nm/km at 1285~1330nm, ≤18ps/nm/km at 1550nm
Zero Dispersion Wavelength	1300~1322nm
PMD Coefficient	≤ 0.2ps/√km

Mechanical & Environmental Performance		
Item	Referencstandard	Specification
RTS	DL/788-2001	10KN
MAT	DL/788-2001	4KN
EDS	DL/788-2001	1.5KN
Minimum Bending Radius	DL/788-2001	230mm
Temperature Recycle	DL/788-2001	Step:+20°C->-40°C°C >+70°C->+20°C, 24Hrs
InstallingTensileStrength		1350N
ElasticModulus		4.36GPa
Thermal Expansion Coefficient		10 ⁻⁵ 2.74*

Weather Conditions	
Item	Specification
InstallingTemperature	15°C

Installing Wind Speed	0m/s
Temperaturer at Max.Wind Speed	5°C
Max. Wind Speed	25m/s
Temperaturer at Max.Ice	-5°C
Wind Speed at Max. Ice	10m/s
Ice Covery Thickness	5mm
Installing Sag	1.86%

Packing Details							
Packing	Reeled by wooden drum suitable for long-distance shipment						
Normal cable factory length	Standard delivery length is 3000m with a tolerance of 5% or other required						
DrumSpecification	 <table border="1" data-bbox="1451 965 2161 1396"> <tr> <td>D</td> <td>1100mm</td> </tr> <tr> <td>D0</td> <td>450mm</td> </tr> <tr> <td>B</td> <td>700mm</td> </tr> </table>	D	1100mm	D0	450mm	B	700mm
D	1100mm						
D0	450mm						
B	700mm						
Sheath Marking	The name of the factory、 type specification、 date、 length						

Optical Fiber Spectrum

1	2	3	4	5	6	7	8	9	10	11	12
蓝	桔	绿	棕	灰	本	红	黑	黄	紫	粉红	青绿
1	2	3	4	5	6	7	8	9	10	11	12
Bule	Orange	Green	Brown	Gray	White	Red	Black	Yellow	Purple	Pink	Aqua