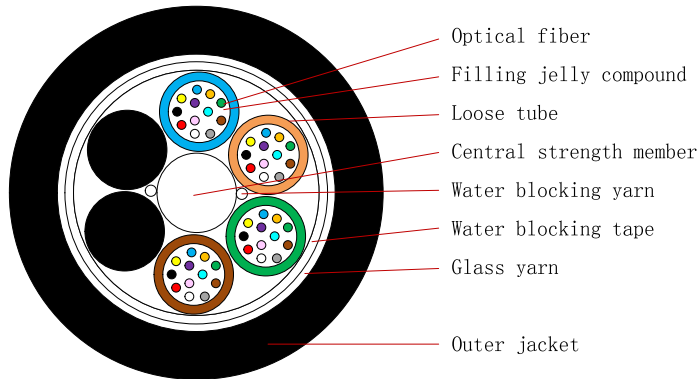




Cable specification

1. (Optical cable type): ADSS-glass yarn
2. (Cross section of cable):



3. (Optical fiber type and properties)

(Item)		Unit	Specification
			G. 652D
Mode field diameter	1310nm	μm	9.2 ± 0.4
	1550nm	μm	10.4 ± 0.8
Cladding diameter		μm	125.0 ± 1
Cladding non-circularity		%	≤1.0
Core/cladding concentricity error		μm	≤0.5
Coating diameter		μm	242 ± 7
Coating/cladding concentricity error		μm	≤12
Cable cut-off wavelength		nm	≤ 1260
Attenuation Coefficient	1310nm	dB/km	≤0.36
	1550nm	dB/km	≤0.22
Proof stress level		kpsi	≥100

(Other parameters meet standard ITU-T G.652)

4. (Dimensions of cable constructions)

Fiber count	Structure	Fibers per tube	Loose tube diameter (mm)	CSM diameter/pad diameter (mm)	Nominal Thickness of outer jacket (mm)	Cable diameter (mm)	Cable weight (kg/km)
48	1+6	12	2.2±0.1	2.6/2.6	1.5	12.1±0.5	114



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5. (Cable performance)

(Item)		(Parameters)	
Fiber	Color	Full color spectrum (Natural color instead of white)	
Loose tube	Material	PBT	
	Color	Full color spectrum	
Filler	Material	PE	
	Color	Black	
CSM	Material	FRP	
Non-metal reinforced pieces	Material	Glass yarn	
Outer jacket	Material	MDPE	
	Color	Black	
Min. bending radius	Static	10 times cable diameter	
	Dynamic	20 times cable diameter	
Tensile performance	Core	Nominal tensile strength (N)	Working tension(Max) (N)
	48	7500	2500
Crush	Short term	1000N/100mm	

6. (Environmental performance)

(Item)	(Standard)	(Parameters)
Operation temperature	IEC 60794-1-2 F1	-20°C ~ +60°C

7. (Drum)

(Cable type)	(Drum)				
	Height (mm)	Width (mm)	Inner diameter (mm)	Length (km)	Drum type
ADSS	1350	750	500	4	Iron wood drum
ADSS	1450	750	600	5	Iron wood drum



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