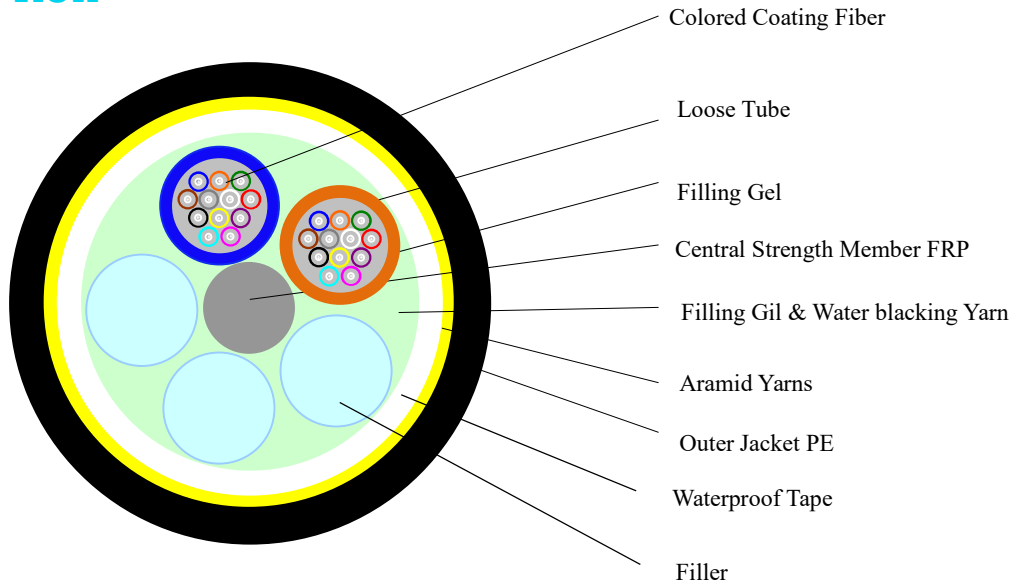


ADSS All Dielectric Self Supporting - 12 B1.3 Span: 120m

Profile view



Fiber Parameters

No.	Items		Unit	Specification
				G.652D
1	Mode Field Diameter	1310nm	μm	9.2 ± 0.4
		1550nm	μm	10.4 ± 0.5
2	Cladding Diameter		μm	124.8 ± 1.0
3	Cladding Non-Circularity		%	≤ 1.0
4	Core-Cladding Concentricity Error		μm	≤ 0.6
5	Coating Diameter		μm	245 ± 7
6	Coating Non-Circularity		%	≤ 6.0
7	Cladding-Coating Concentricity Error		μm	≤ 12.0
8	Cable Cutoff Wavelength		nm	$\lambda_{cc} \leq 1260$
9	Attenuation(max.)	1310nm	dB/km	≤ 0.4
		1550nm	dB/km	≤ 0.3

ITU-T G.652:2005

Cable parameters

Items		Specifications
Fiber Type		G.652D
Fiber Count		12
Colored Coating Fiber	Dimension	250 μ m \pm 15 μ m
	Color	Blue, Orange, Green, Brown, Gray, White
Loose Tube	Dimension	2.15mm \pm 0.05mm
	Material	PBT
	Color	Blue, Orange
Central Strength Member	Diameter	2.0mm
	Material	FRP
Outer Jacket	Color	Black
	Material	PE
	Dimension	9.5mm \pm 0.2mm
	Weight	80kg \pm 5kg/kmm

Mechanical and environmental characteristics

Items	Unite	Specifications
Tension (Long Term)	N	1000
Tension (Short Term)	N	3000
Crush (Long Term)	N/10cm	500
Crush (Short Term)	N/10cm	1000
Min. Bend Radius (Dynamic)	mm	20D
Min. Bend Radius (Static)	mm	10D
Installation Temperature	°C	-20 ~ +60
Operating Temperature	°C	-40 ~ +70
Storage Temperature	°C	-40 ~ +70