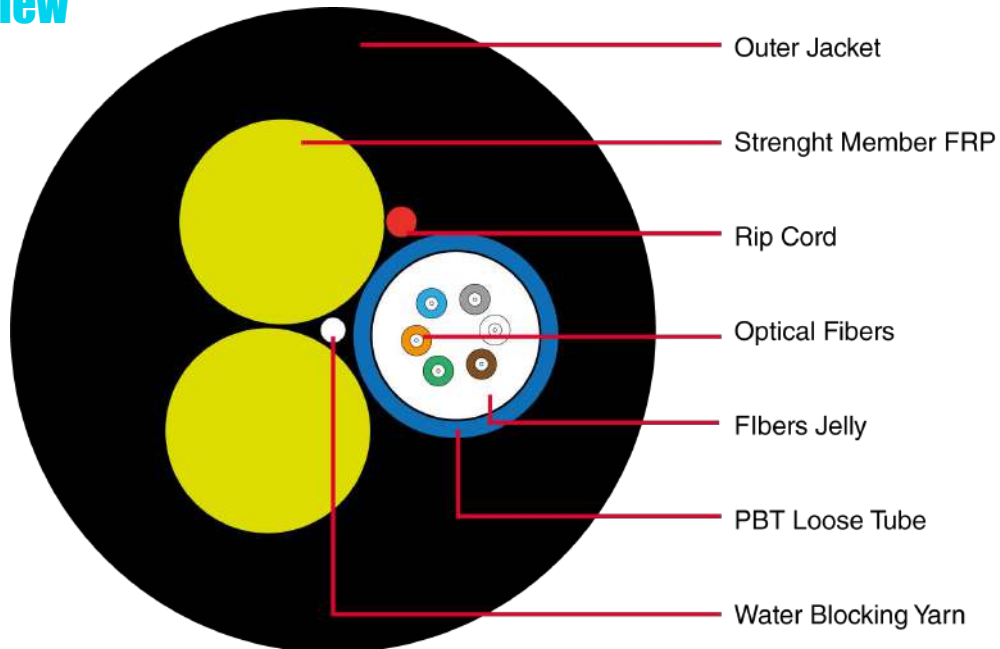


ASU All Dielectric Self Supporting - 6 cores Span: 100m

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	≤ 0.36
		1550nm	dB/km	≤ 0.22

ITU-T G.652:2005

Cable parameters

Items		Specifications
Fiber Type		G.652D
Fiber Count		6
Colored Coating Fiber	Dimension	250μm ± 15μm
	Color	Blue, Orange, Green, Brown, Gray, White
Loose Tube	Dimension	2.0mm ± 0.1mm
	Material	PBT
	Color	Blue
Central Strength Member	Diameter	2.0mm
	Material	FRP
Outer Jacket	Color	Black
	Material	PE

Mechanical and environmental characteristics

Items	Unite	Specifications
Flattering Force (Long Term)	N/100mm	1000
Flattering Force (Short Term)	N/100mm	2000
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