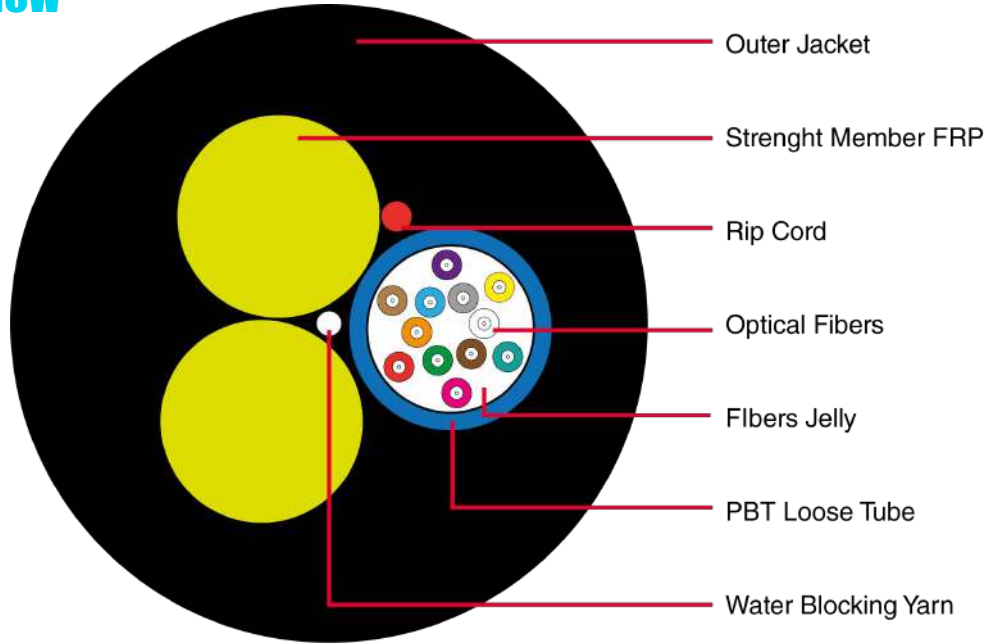


ASU All Dielectric Self Supporting - 12 cores Span: 100m

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		12
Colored Coating Fiber	Dimension	250 μ m \pm 15 μ m
	Color	Blue, Orange, Green, Brown, Gray, White, Red, Colorless, Yellow, Purple, Pink, Aqua
Loose Tube	Dimension	2.0mm \pm 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	$^{\circ}$ C	-20 \sim +60
Operating Temperature	$^{\circ}$ C	-40 \sim +70
Storage Temperature	$^{\circ}$ C	-40 \sim +70