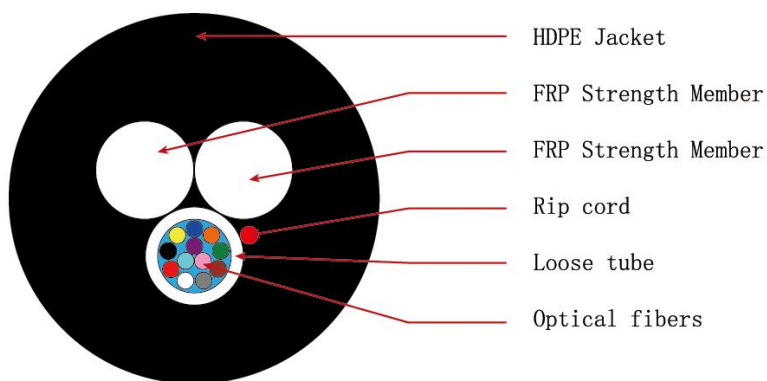


Cable specification

1. Optical cable type: ASU200

2. Cross section of cable:



3. Optical fiber type and properties

Item		Unit	Specification
			G. 652D
Mode field diameter	1310nm	μm	9.5 ± 0.4
Cladding diameter		μm	125.0 ± 0.7
Cladding non-circularity		%	≤1.0
Core/cladding concentricity error		μm	≤0.5
Coating diameter		μm	245 ± 5
Coating/cladding concentricity error		μm	≤12
Cable cut-off wavelength		nm	≤ 1260
Attenuation Coefficient	1310nm	dB/km	≤0.36
	1550nm	dB/km	≤0.22
Macro-bend loss (1 turn, 7.5mm radius)	1550nm	dB/km	≤0.5
	1625nm	dB/km	≤1.0
Proof stress level		kpsi	≥100

Other parameters meet standard ITU-T G.652D

4. Dimensions of cable constructions

Fiber count	Structure	Fibers per tube	Loose tube diameter (mm)	SM diameter (mm)	Nominal thickness of outer jacket (mm)	Cable diameter (mm)	Cable weight (kg/km)
8	Uni-tube	8	2.5±0.1	2*3.0	1.4±0.2	8.6±0.2	72±5
12	Uni-tube	12	2.5±0.1	2*3.0	1.4±0.2	8.6±0.2	72±5

5. Cable performance

Item		Parameters
Loose tube	Material	PBT
	Color	Nature or blue
Strength member	Material	FRP
	Size	3.0mm
Outer jacket	Material	HDPE
	Color	Black
Min. bending radius	Static	10 times cable diameter
	Dynamic	20 times cable diameter
Tensile performance(N)	RTS	2500
Crush	Short term	1000N/100mm
Span	200m	

6. Environmental performance

Item	Standard	Parameters
Operation temperature	IEC 60794-1-2 F1	-20℃~+70℃

7. Drum

Cable type	Drum				
	Height (mm)	Width (mm)	Inner diameter (mm)	Length (km)	Drum type
ASU-6	750	740	600	2	solid wood plate
ASU-12	750	740	600	2	solid wood plate

8. Cable Marking: FYTEC ASU200 12FO G652D 2022 XXXXM