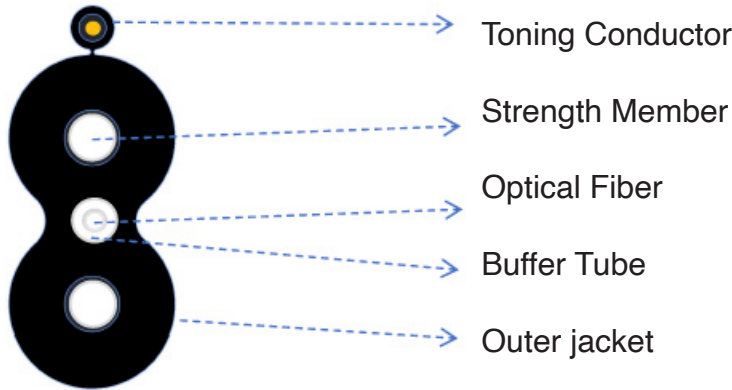


# Toneable Single Fiber Micro Drop - Bulk Fiber



## Fiber Parameters

No.	Items	Unit	Specifications	
			Corning Ultra G.657A2	
1	Core diameter	μm	9.2±0.4	
2	Cladding Diameter	μm	125±0.7	
3	Cladding Non-Circularity	%	≤1.0	
4	Core-Cladding Concentricity Error	μm	≤1.0	
5	Coating Diameter	μm	245±7	
6	Coating Non-Circularity	%	≤6.0	
7	Cladding-Coating Concentricity Error	μm	≤12.0	
8	Macro-Bending Loss	1310nm	dB	≤0.35
		1550nm	dB	≤0.21

## Cable Parameters

Items		Specifications
Fiber Count		1
Tight-Buffer Fiber	Dimension	900μm
	Color	White
	Material	LSZH
Central Strength Member		1.0mm FRP
Toning Conductor		0.5mm Copper wire
Outer Jacket	Dimension	6.0*3.0mm
	Material	PE
	Color	Black

# Toneable Single Fiber Micro Drop - Bulk Fiber

## Mechanical and Environmental Characteristics

Items	Unit	Specifications
Tension (Long Term)	N	500
Tension (Short Term)	N	1000
Crush (Short Term)	N/10cm	2000
Min. Bend Radius (Dynamic)	mm	20D
Min. Bend Radius (Static)	mm	10D
Operating Temperature	°C	-40~+70
Storage Temperature	°C	-40~+70

## Micro Drop Span Length Spec

### ENVIRONMENTAL LOAD

Heavy  
Medium  
Light

### SPAN AT 1% INSTALLATION SAG

150'  
255'  
330'

**Note:** Cable will have additional sag at Environmental Load