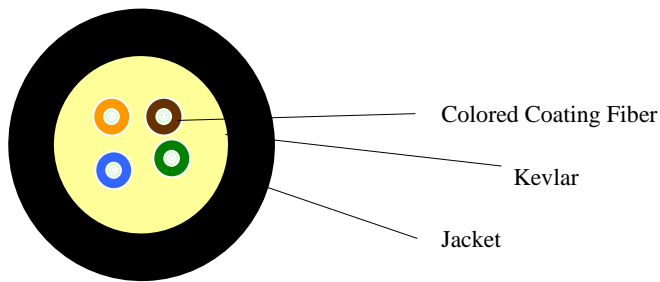


# 12-fiber Mini-core Cable

## Profile View



## Fiber Parameters

### Cable Parameters

No.	Items		Unit	Specification
				G.657A2
1	Mode Field Diameter	1310nm	μm	8.8±0.4
		1550nm	μm	9.8±0.5
2	Cladding Diameter		μm	124.8±0.7
3	Cladding Non-Circularity		%	≤0.7
4	Core-Cladding Concentricity Error		μm	≤0.5
5	Coating Diameter		μm	245±5
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	≤0.35
		1550nm	dB/km	≤0.21
10	Macro-Bending Loss	1turn×7.5mm radius @1550nm	dB	≤0.5
		1turn×7.5mm radius @1625nm	dB	≤1.0

Items		Specifications
Fiber Count		12
Colored Coating Fiber	Dimension	250±15μm
	Color	Blue、Orange、Green、Brown
Strength Member		Kevlar
Jacket	Dimension	3.0±0.1mm
	Material	LSZH
	Color	黑 Black

## **Mechanical and Environmental Characteristics**

Items	Unite	Specifications
Tension (Long Term)	N	60
Tension (Short Term)	N	100
Crush (Long Term)	N/10cm	100
Crush (Short Term)	N/10cm	200
Min. Bend Radius (Dynamic)	mm	20D
Min. Bend Radius (Static)	mm	10D
Installation Temperature	°C	0~+50
Operating Temperature	°C	-20~+60
Storage Temperature	°C	-20~+60