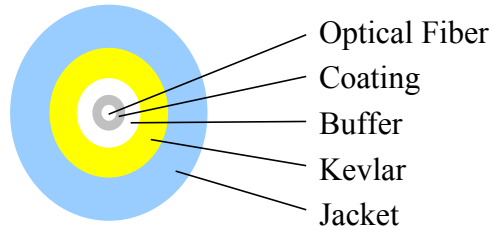


## FBR-SOM3-OFNR

### 3.0mm Simplex Multi-mode Cable

#### Profile View



#### Fiber Parameters

No.	Items	unit	Specification	
			OM3-150	
1	Core Diameter	μm	50.0±2.5	
2	Cladding Diameter	μm	124.8±1.0	
3	Core Non-Circularity	%	≤5.0	
4	Cladding Non-Circularity	%	≤1.0	
5	Core-Cladding Concentricity Error	μm	≤1.0	
6	Coating Diameter	μm	245±7	
7	Coating Non-Circularity	%	≤6.0	
8	Cladding-Coating Concentricity Error	μm	≤12.0	
9	OFL Bandwidth	850nm	MHz·km	≥700
		1300nm	MHz·km	≥500
10	Attenuation Coefficient	850nm	dB/km	≤2.3
		1300nm	dB/km	≤0.6

#### Cable Parameters

Items		Specifications
Fiber count		1
Tight buffered Fiber	Dimension	850±50μm
	Material	PVC
	Color	White
Strength member		Kevlar
Outer jacket	Dimension	2.9-3.0mm
	Material	PVC(OFNR)
	Color	Aqua

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### Mechanical and Environmental Characteristics

Items	Unit	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
Operating Temperature	°C	-20~+60
Storage Temperature	°C	-20~+60

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