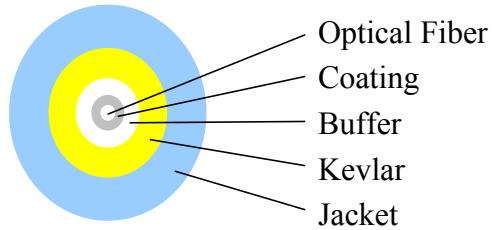


FBR-SOM3-OFNP

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(OFNP)
	Color	Aqua

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